

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

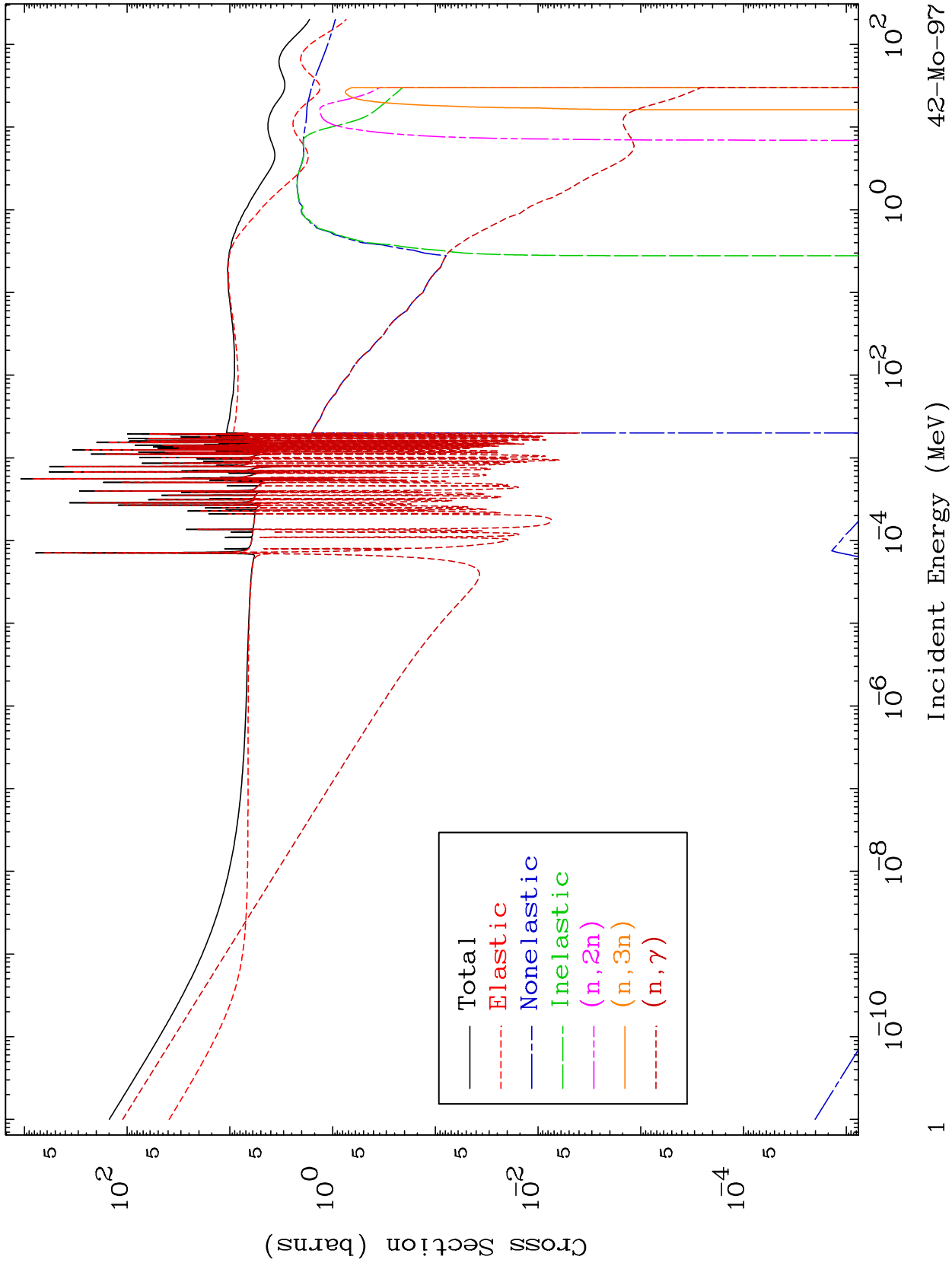
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

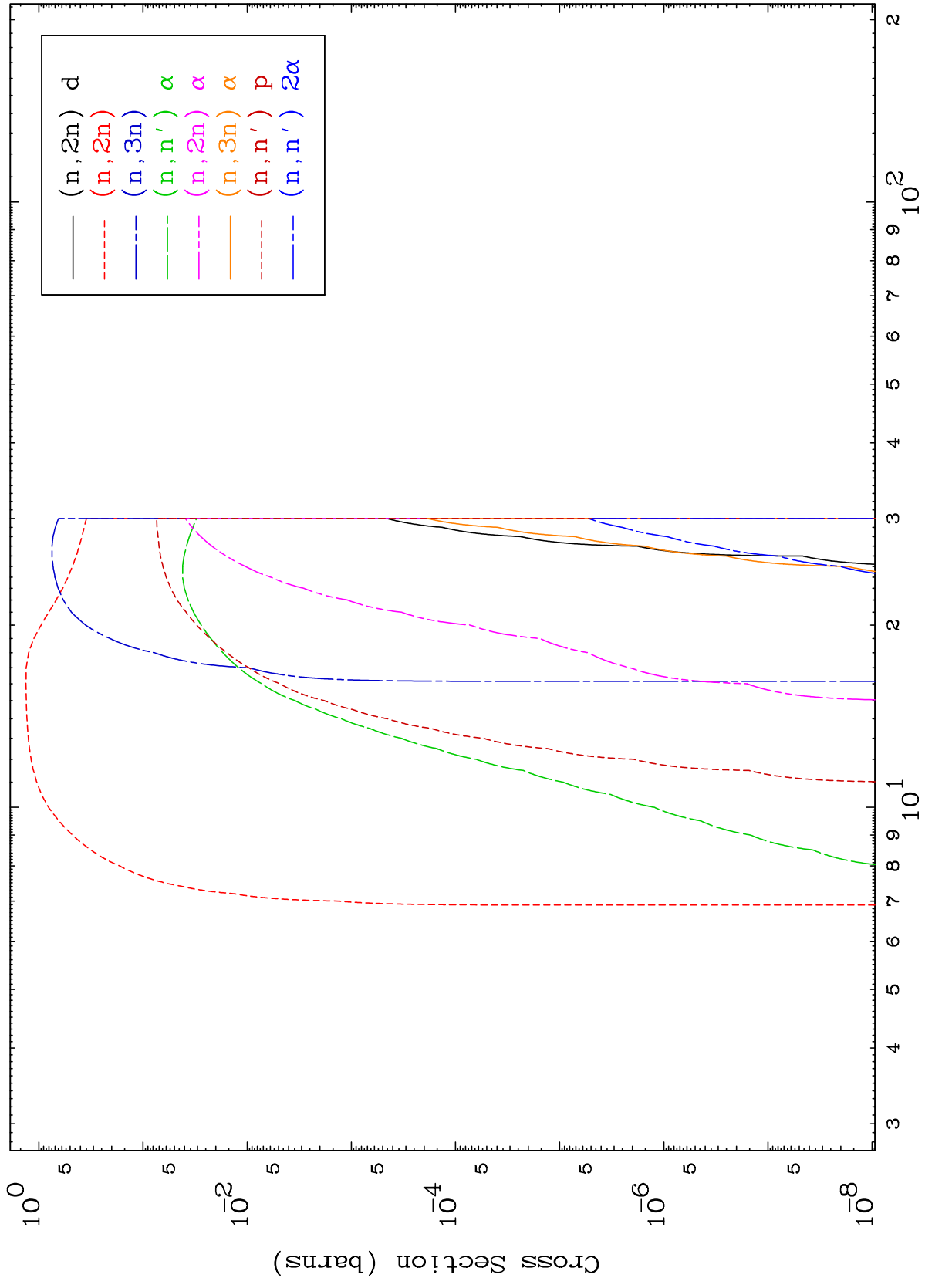
MAT 4240

Neutron Major
293 Kelvin Cross Sections

42-Mo-97



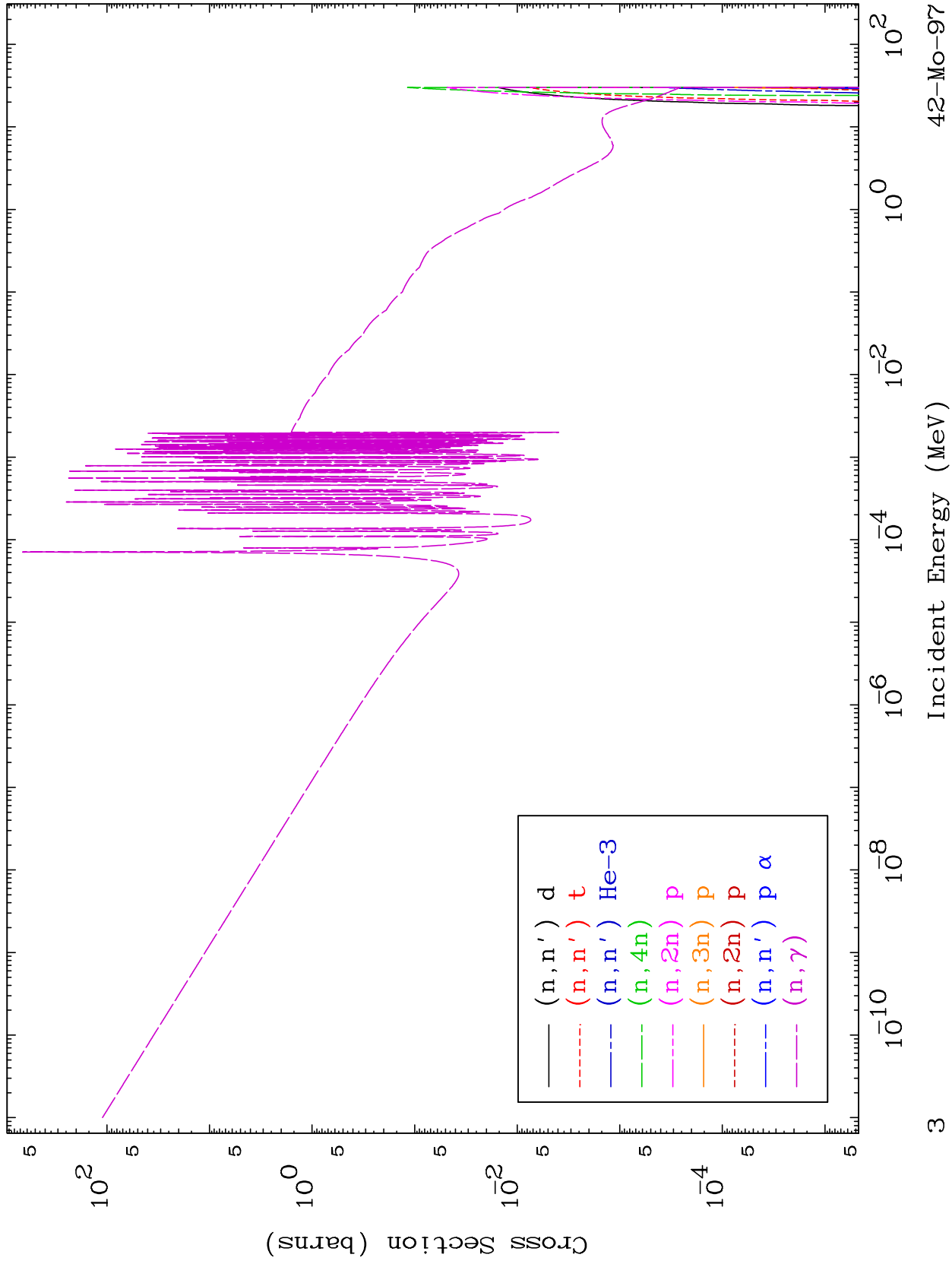
42-Mo-97



MAT 4240

Neutron Absorption
293 Kelvin Cross Sections

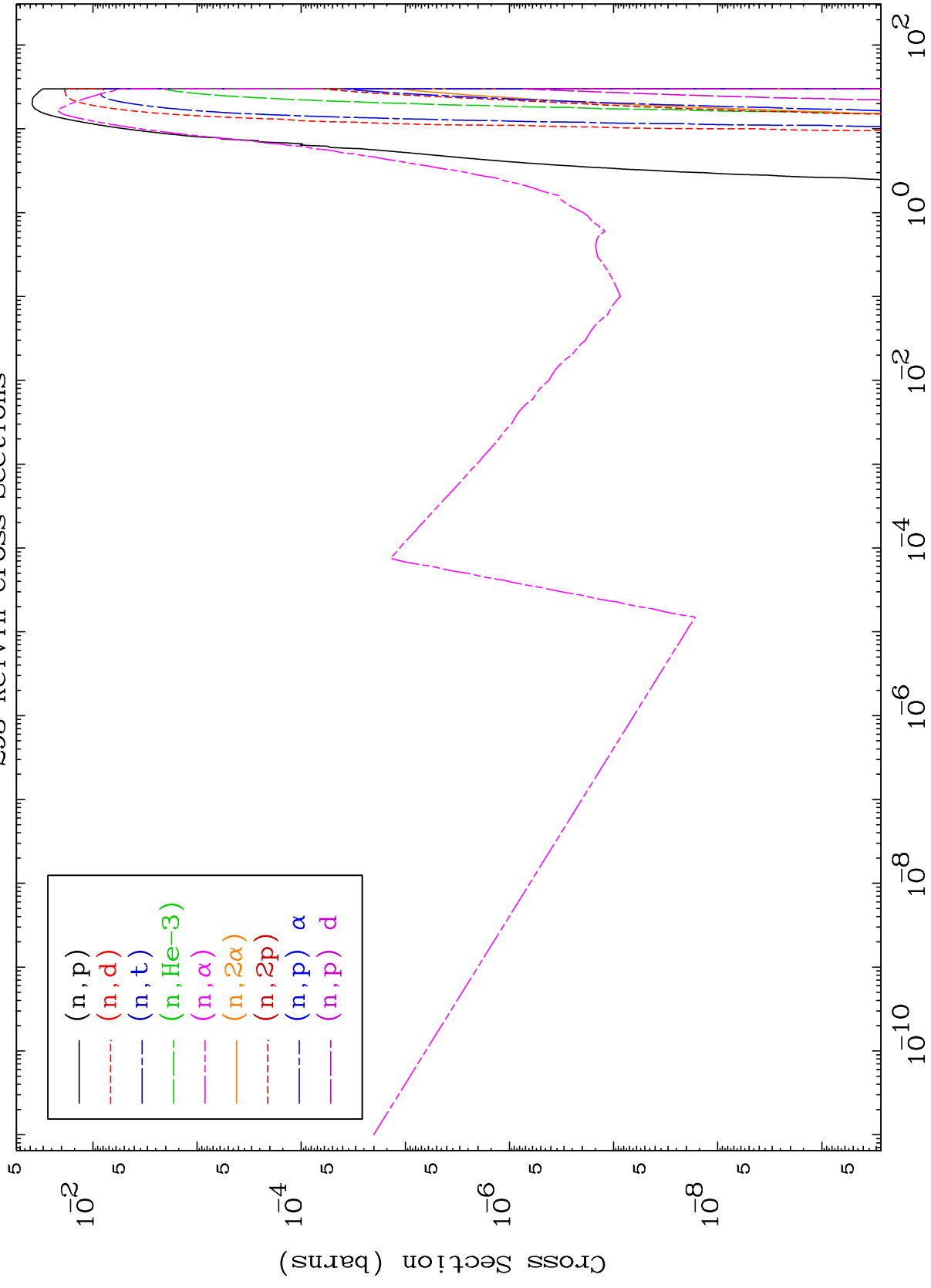
42-Mo-97



MAT 4240

Neutron Absorption 293 Kelvin Cross Sections

42-Mo-97

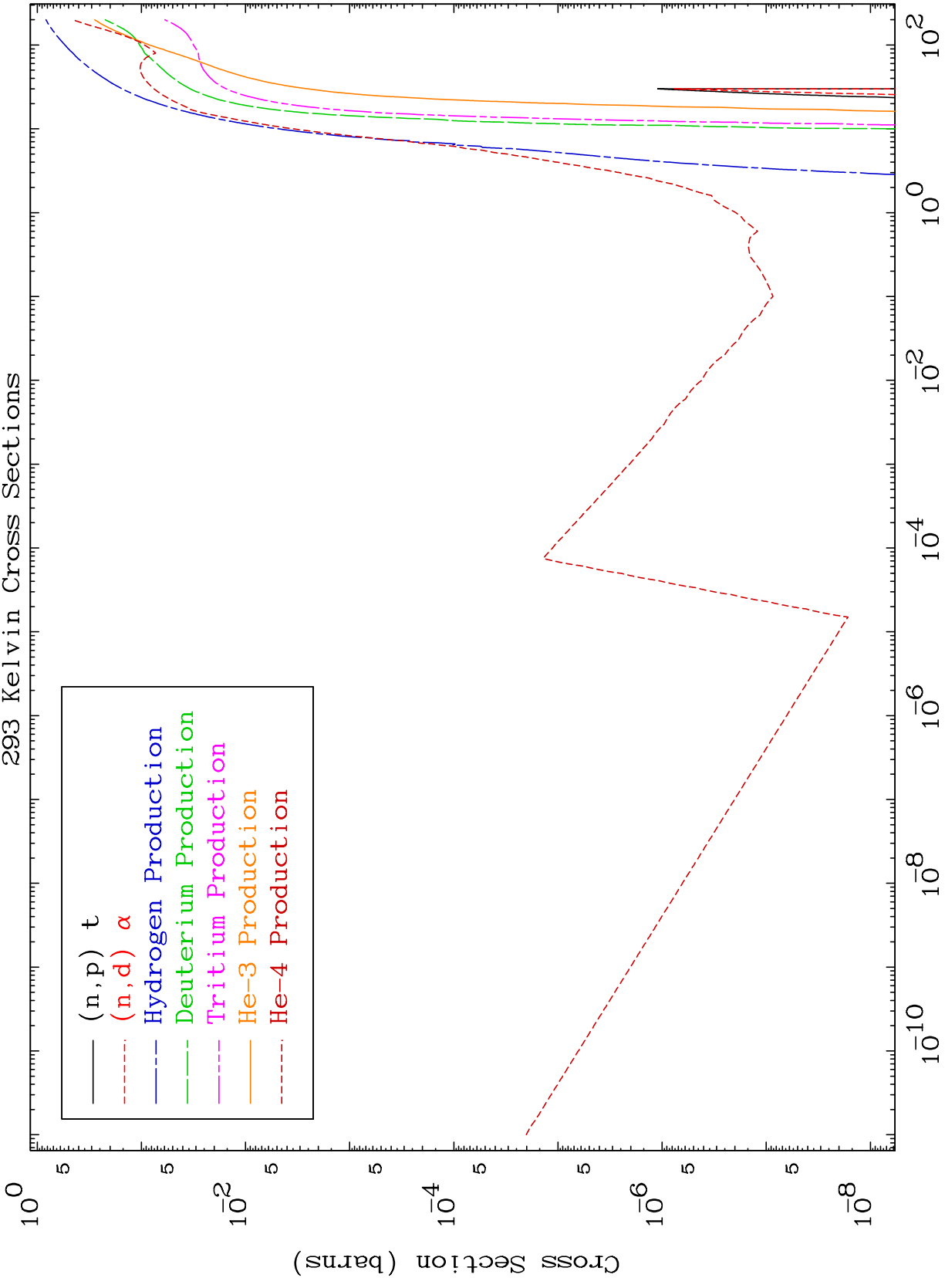


42-Mo-97

MAT 4240

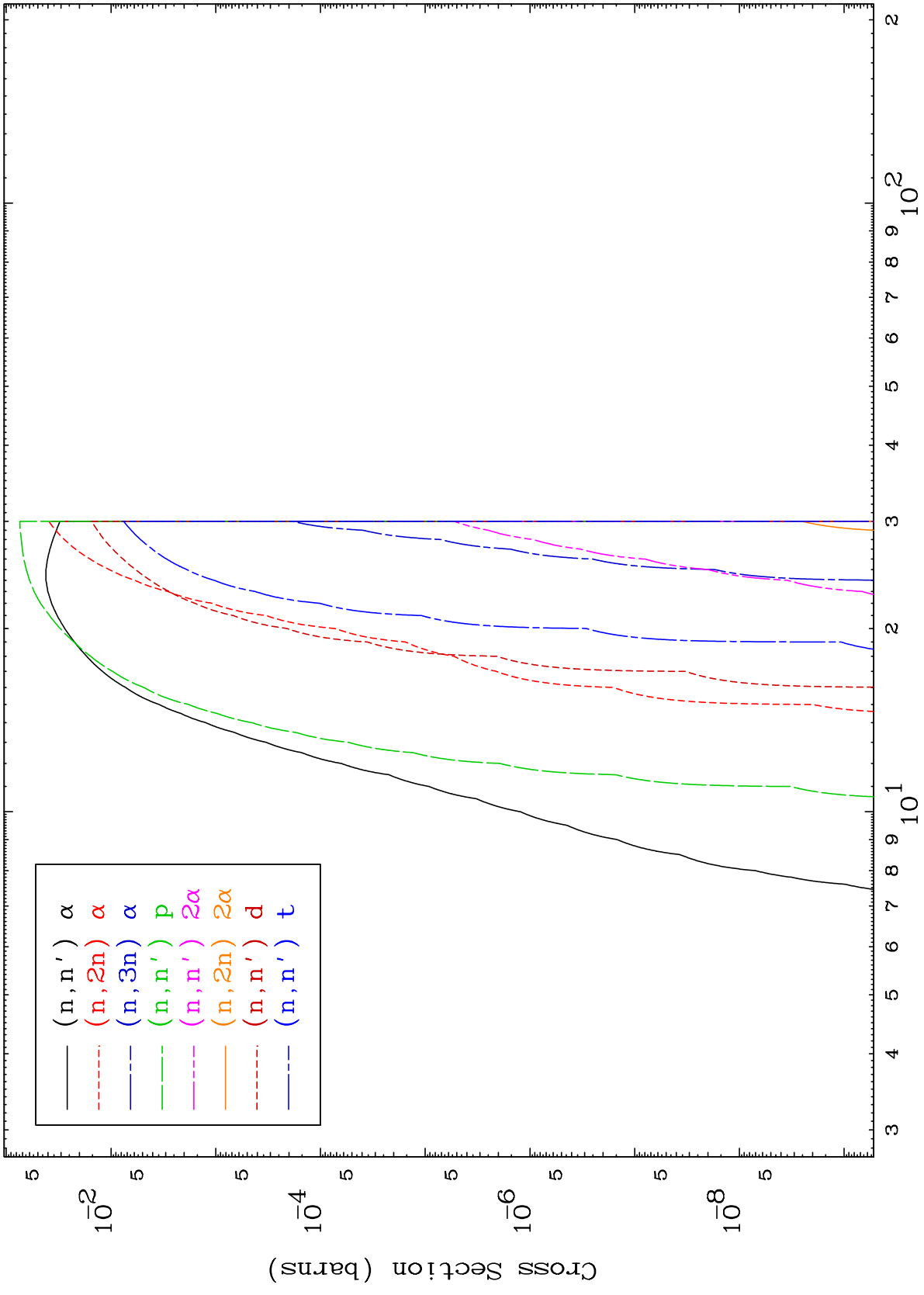
Neutron Absorption
293 Kelvin Cross Sections

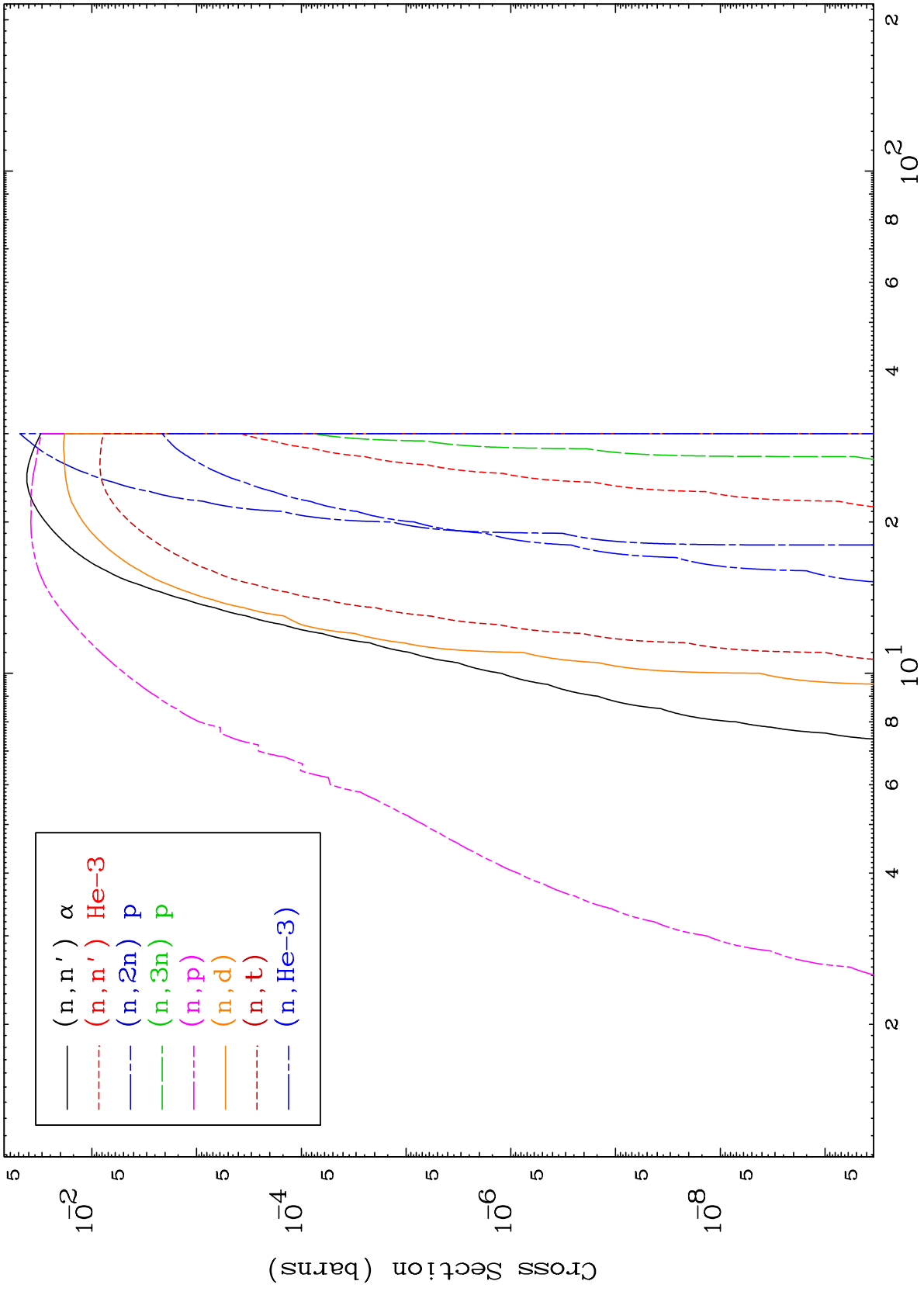
42-Mo-97



5

42-Mo-97

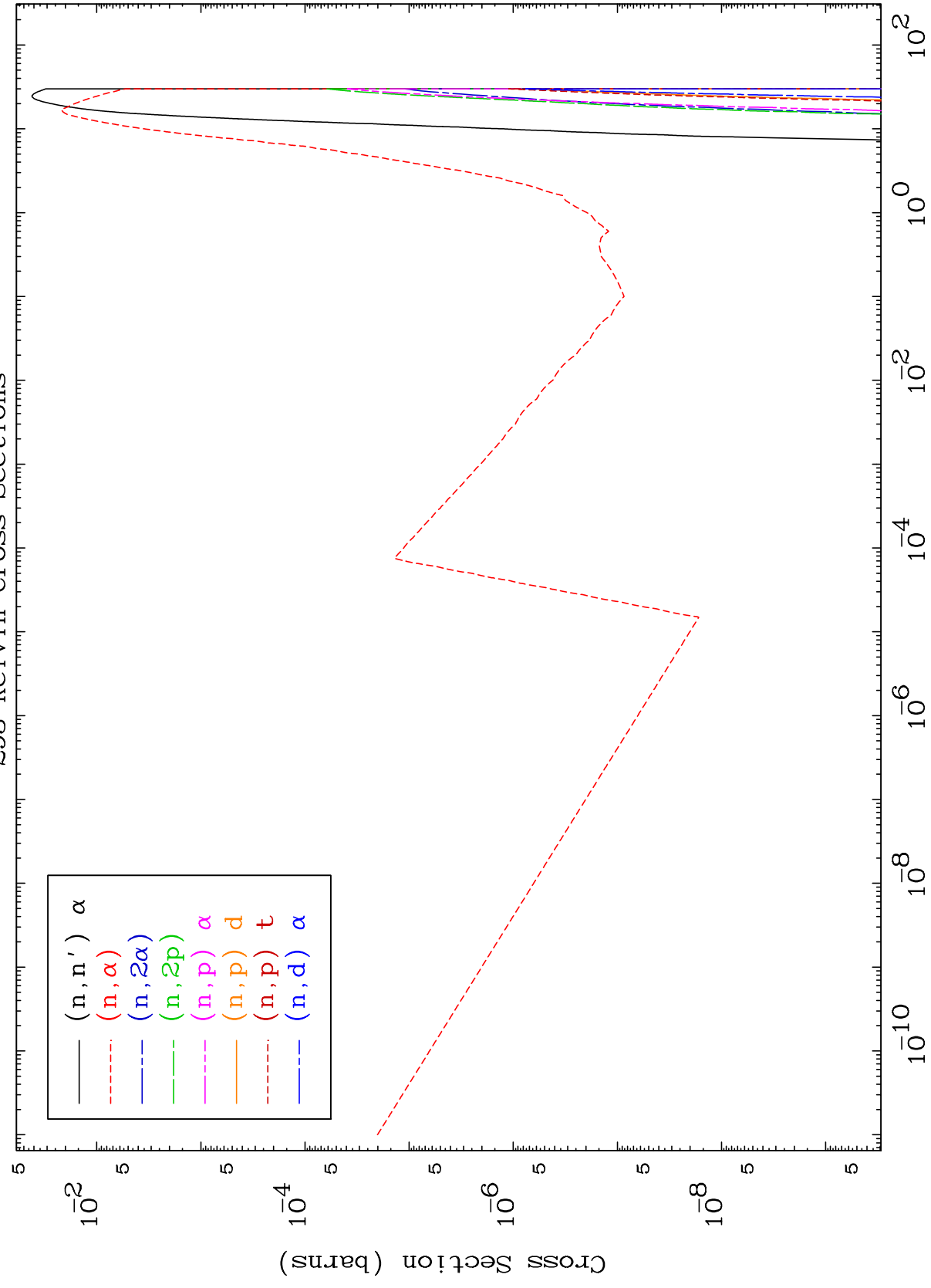




MAT 4240

293 Kelvin Cross Sections

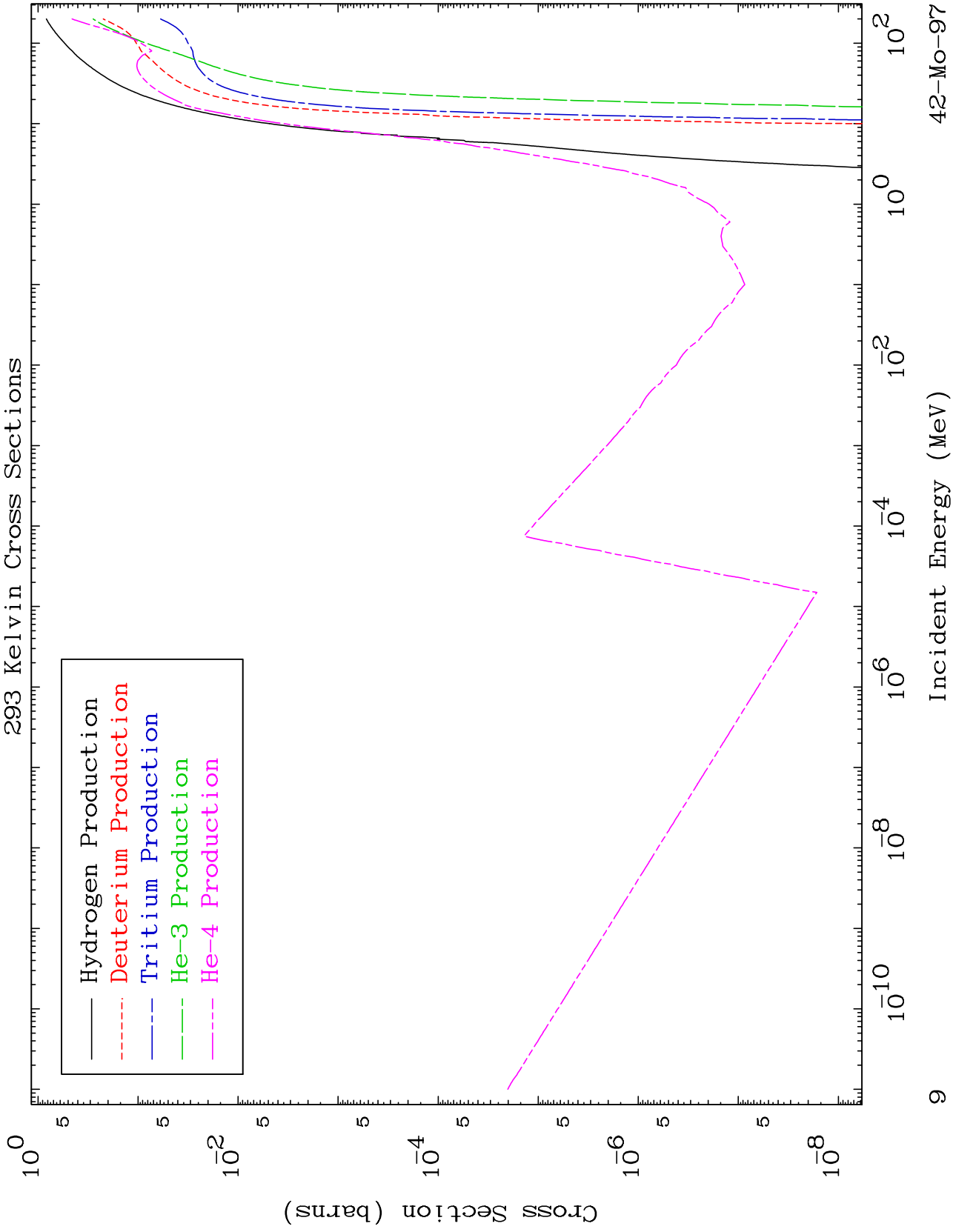
42-Mo-97



MAT 4240

Particle Production
293 Kelvin Cross Sections

42-Mo-97



9

Incident Energy (MeV)

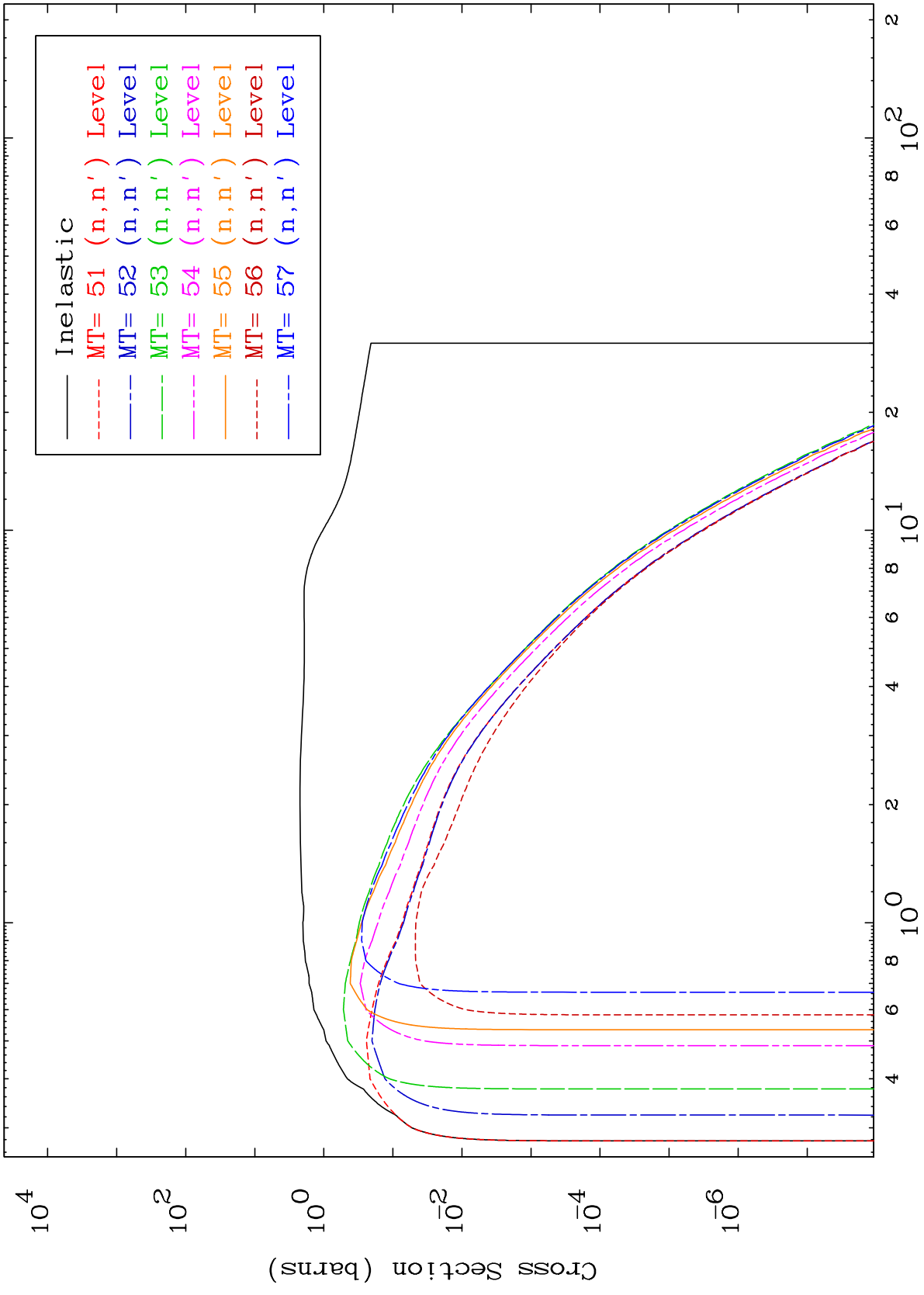
42-Mo-97

MAT 4240

(n,n') Levels

42-Mo-97

293 Kelvin Cross Sections

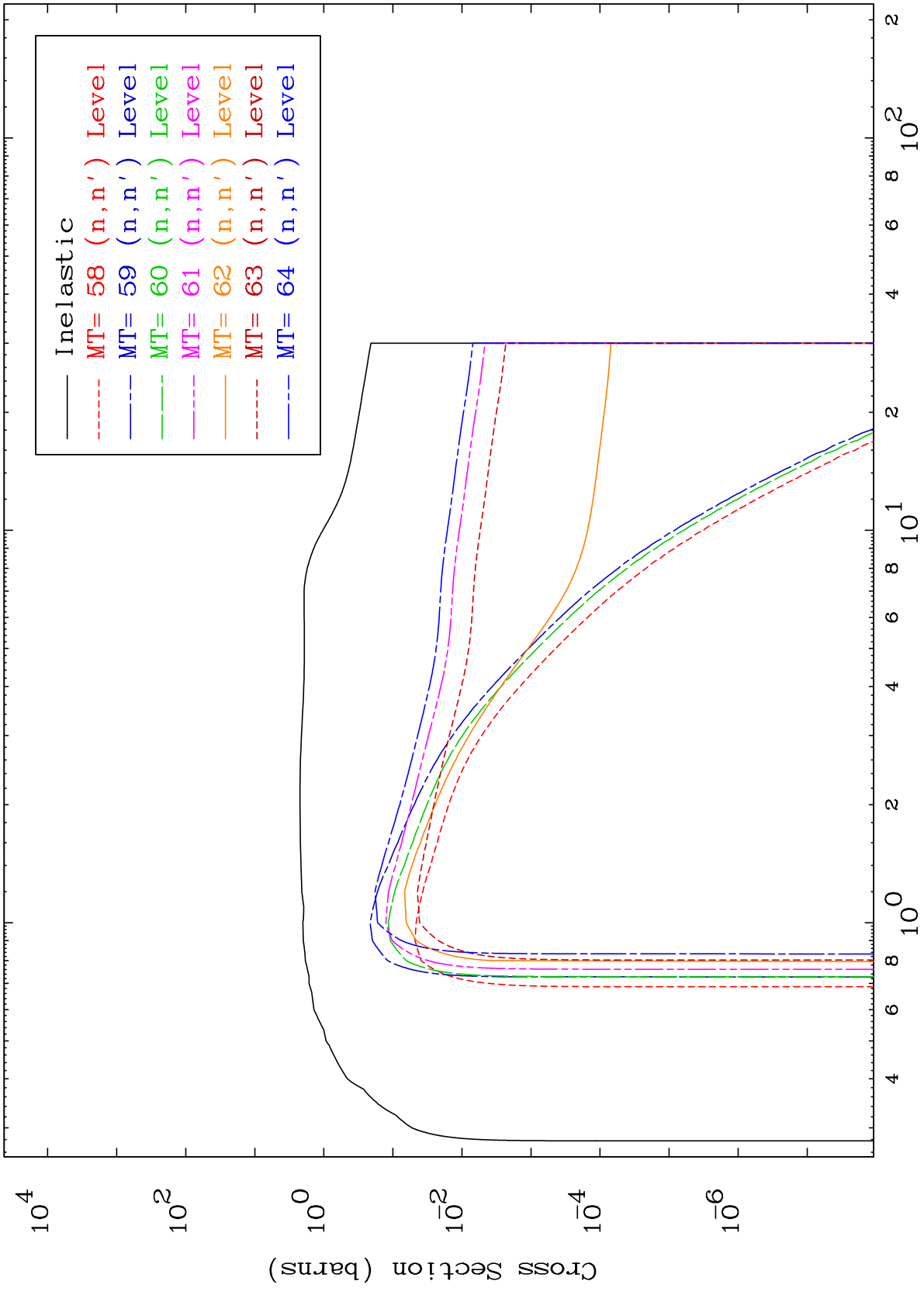


10

Incident Energy (MeV)

42-Mo-97

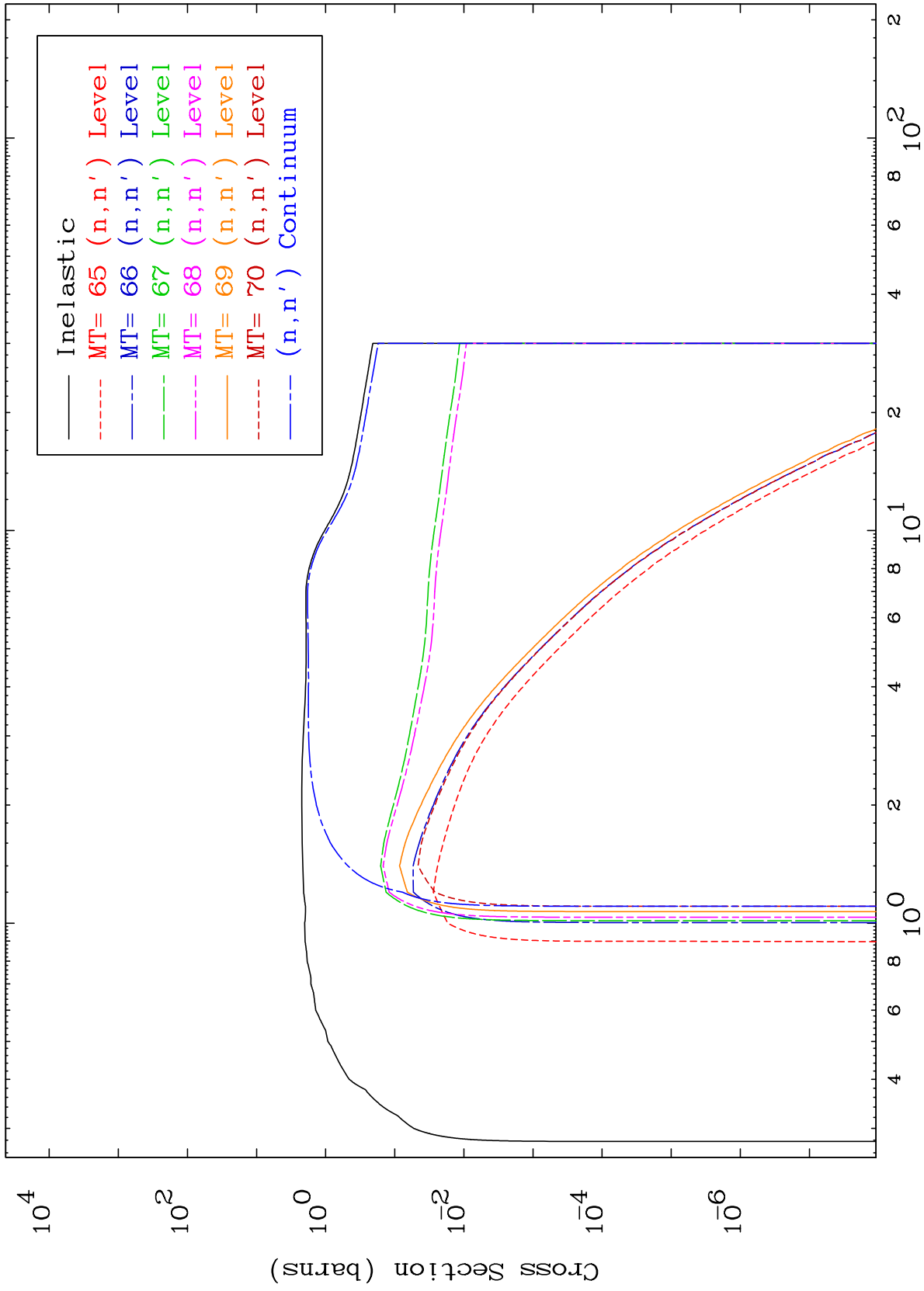
293 Kelvin Cross Sections



MAT 4240

(n,n') Levels
293 Kelvin Cross Sections

42-Mo-97



12

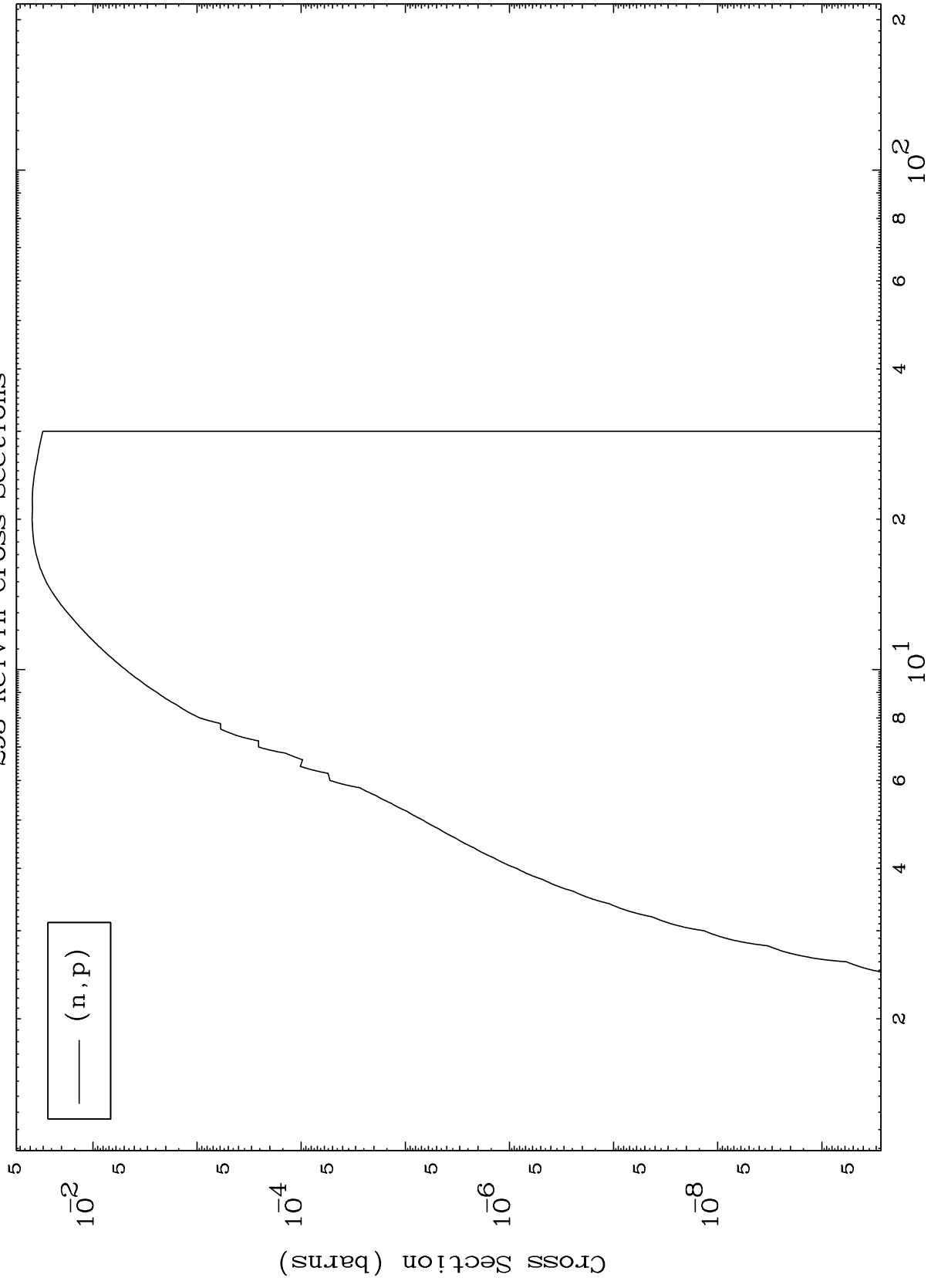
Incident Energy (MeV)

42-Mo-97

MAT 4240

(n,p) Levels
293 Kelvin Cross Sections

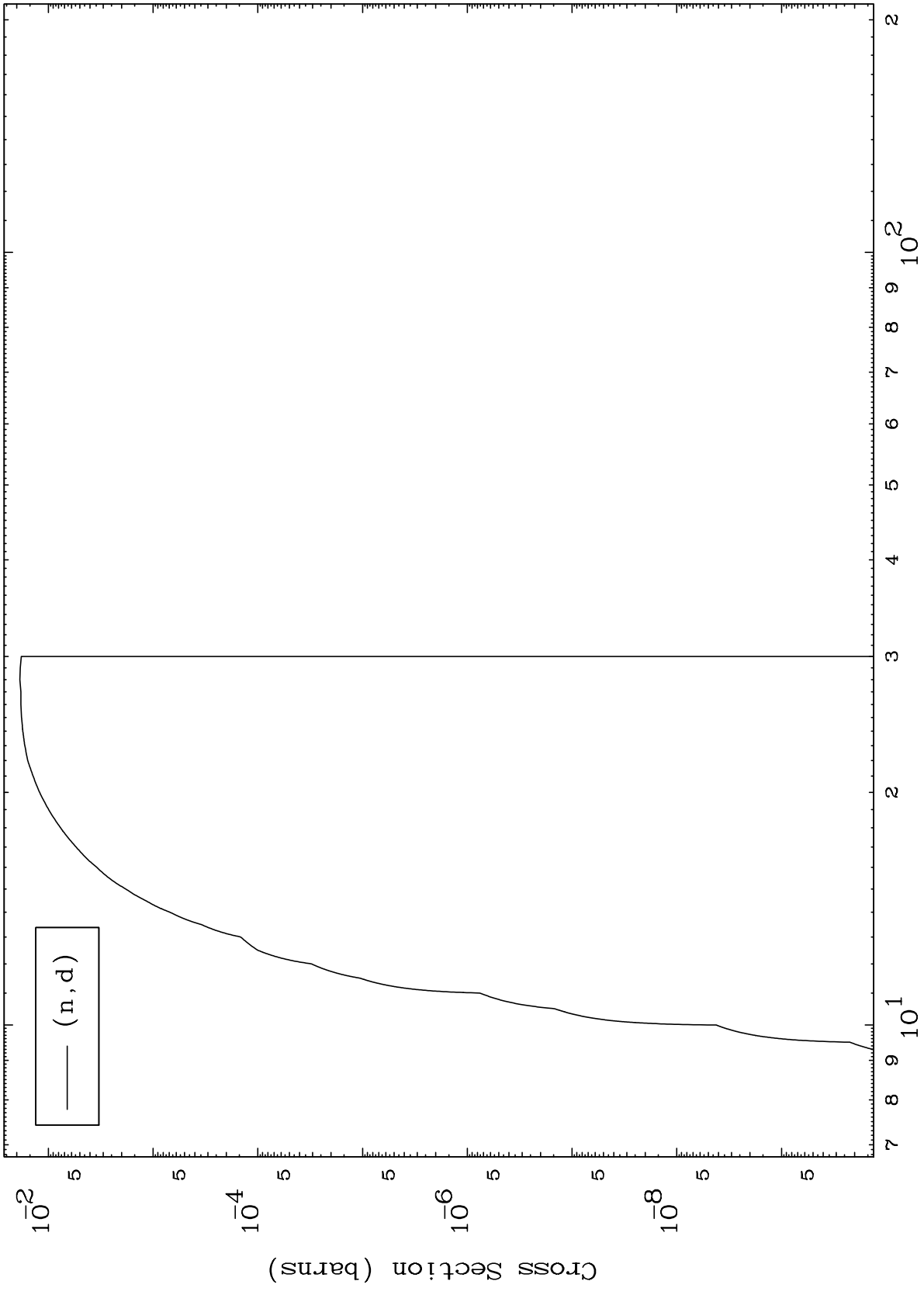
42-Mo-97



MAT 4240

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-97



14

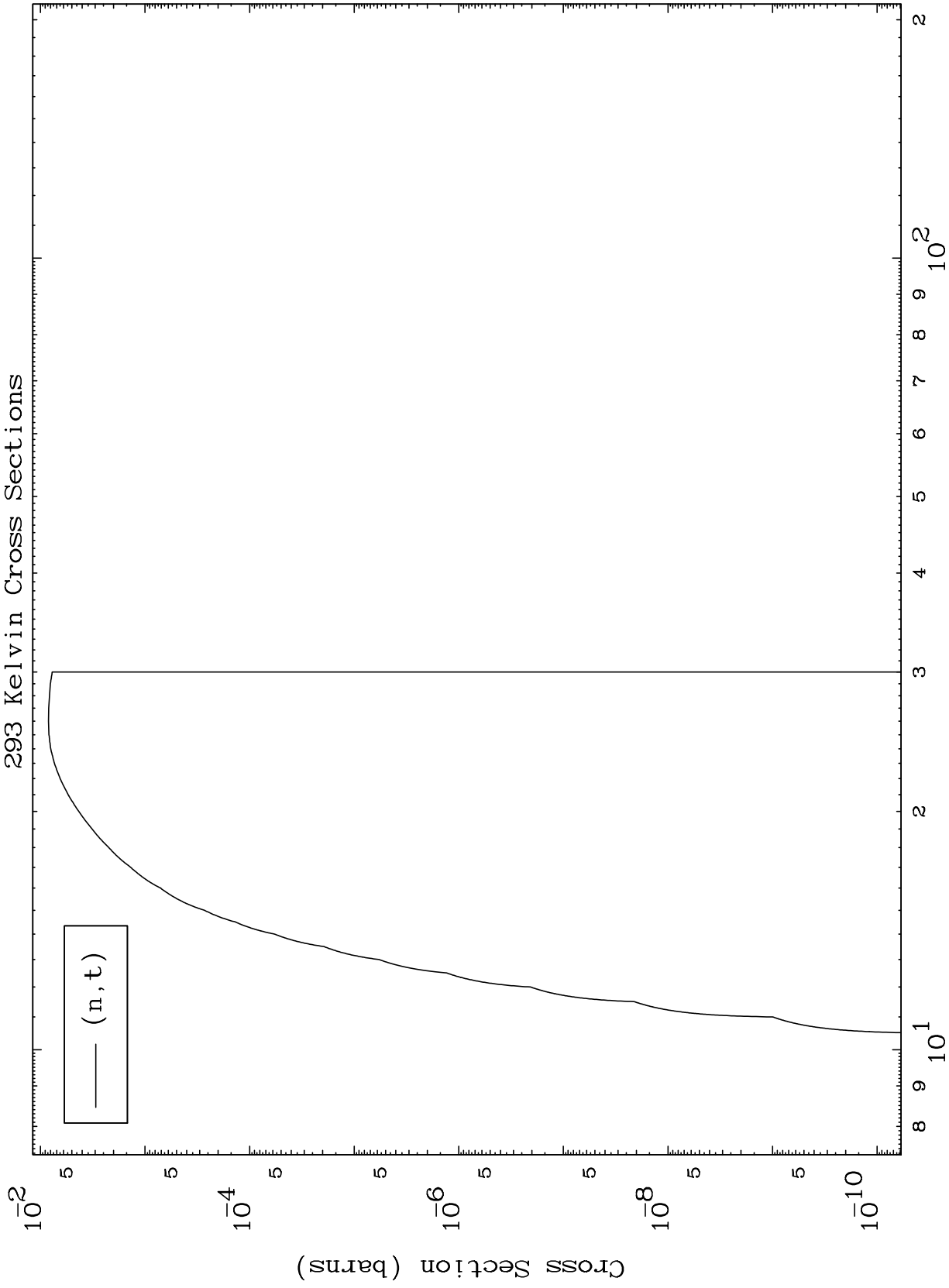
Incident Energy (MeV)

42-Mo-97

MAT 4240

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-97



15

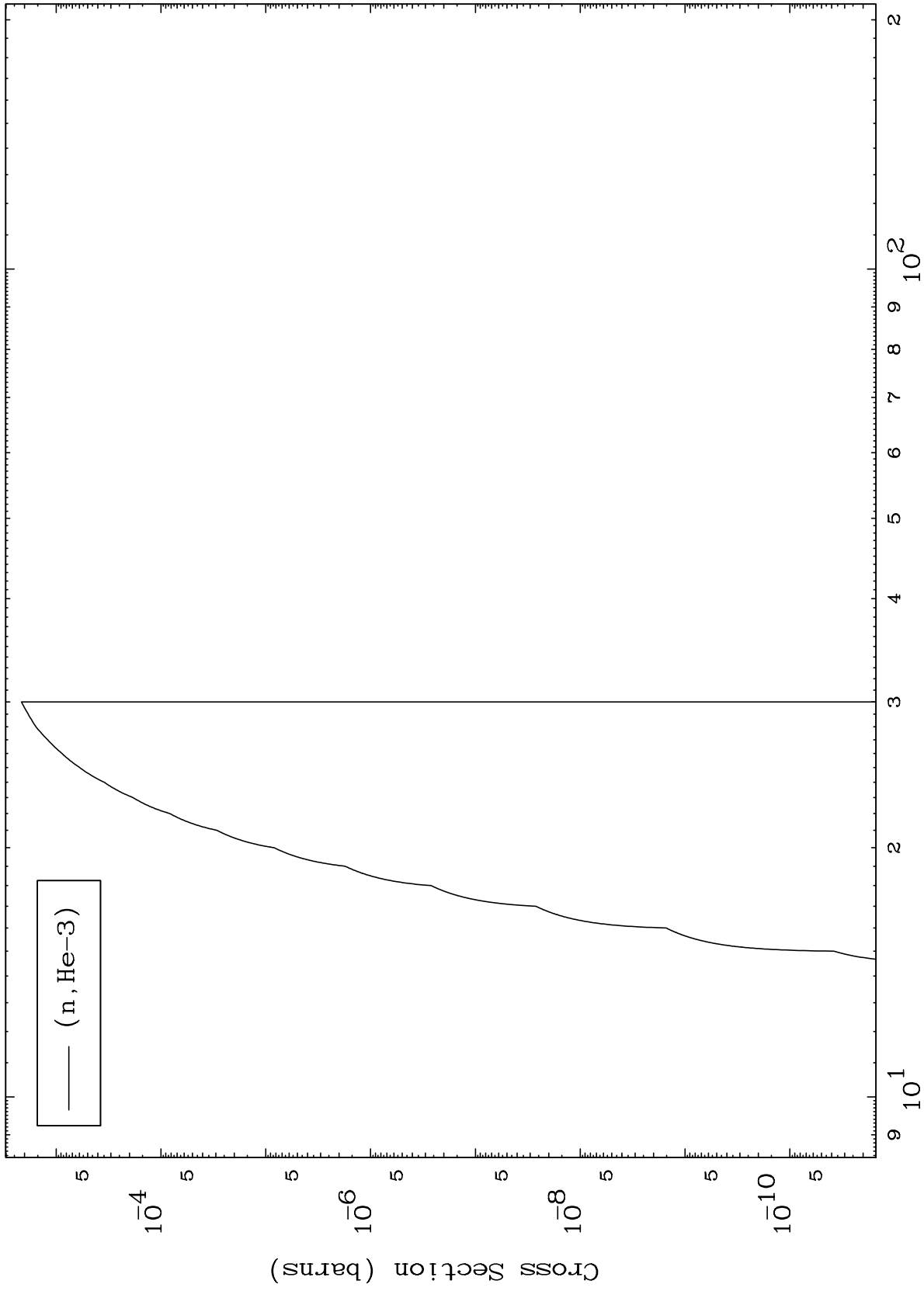
Incident Energy (MeV)

42-Mo-97

MAT 4240

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-97



16

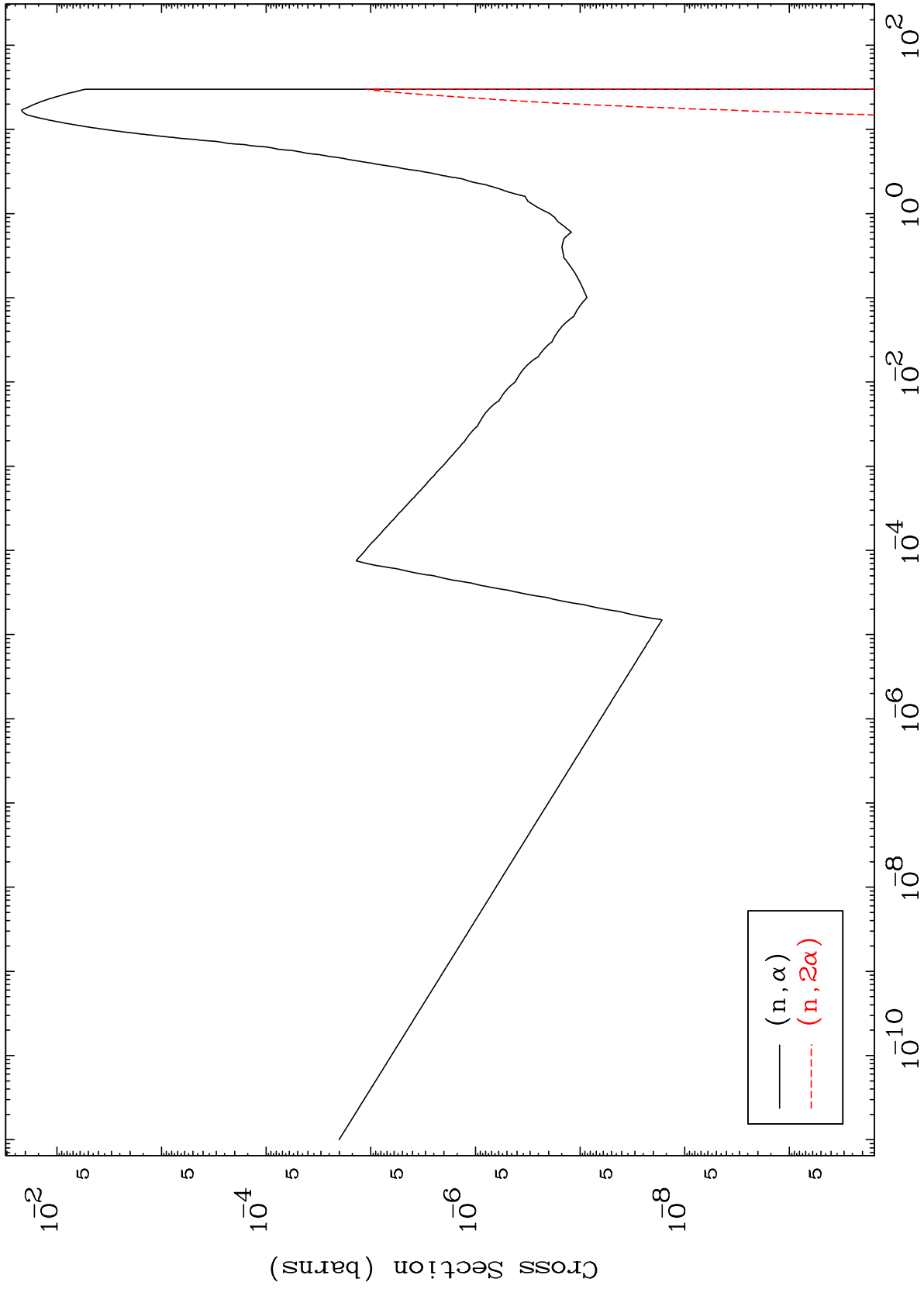
Incident Energy (MeV)

42-Mo-97

MAT 4240

(n,α) Levels
293 Kelvin Cross Sections

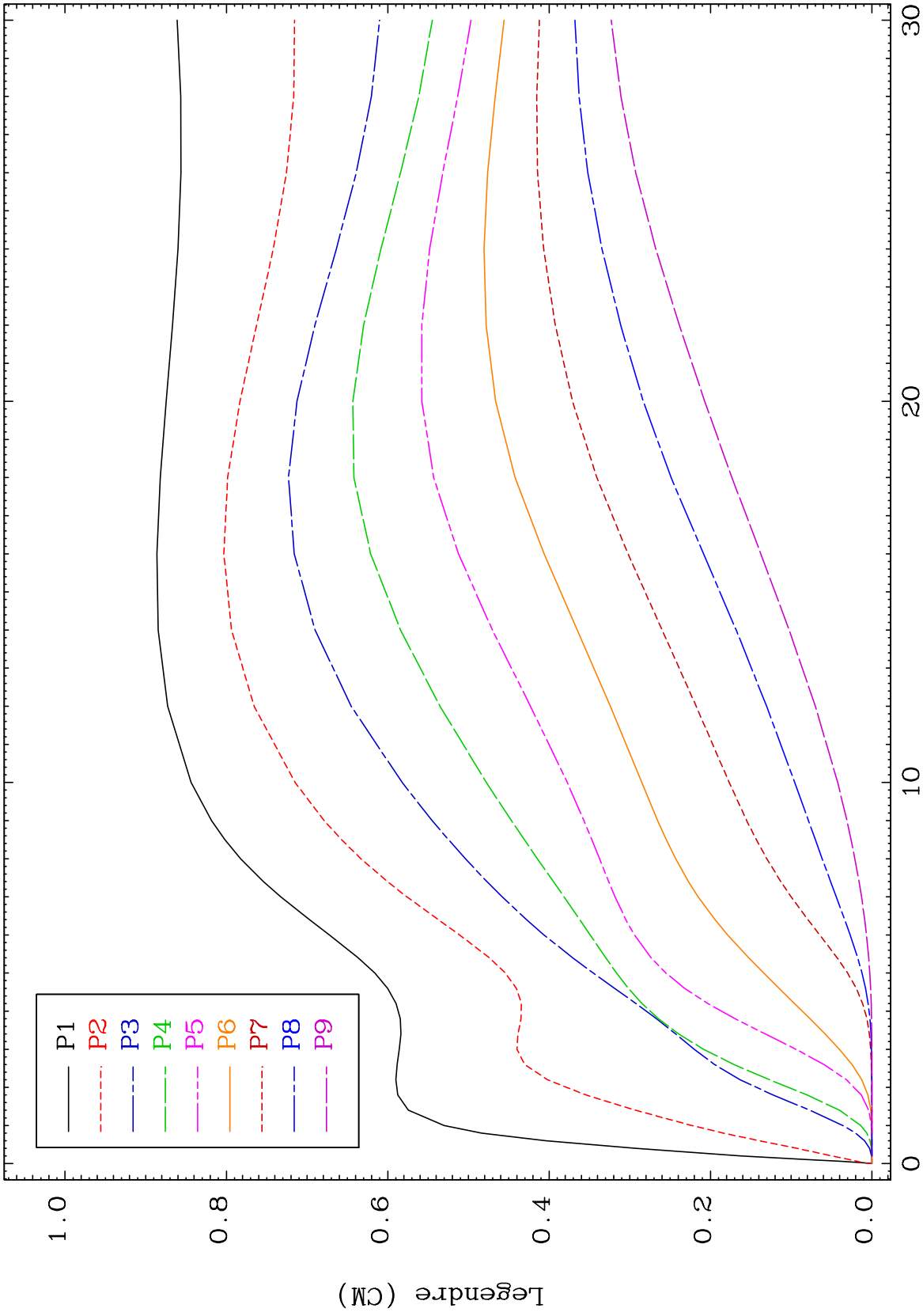
42-Mo-97



MAT 4240

Elastic Legendre Coefficients

42-Mo-97



18

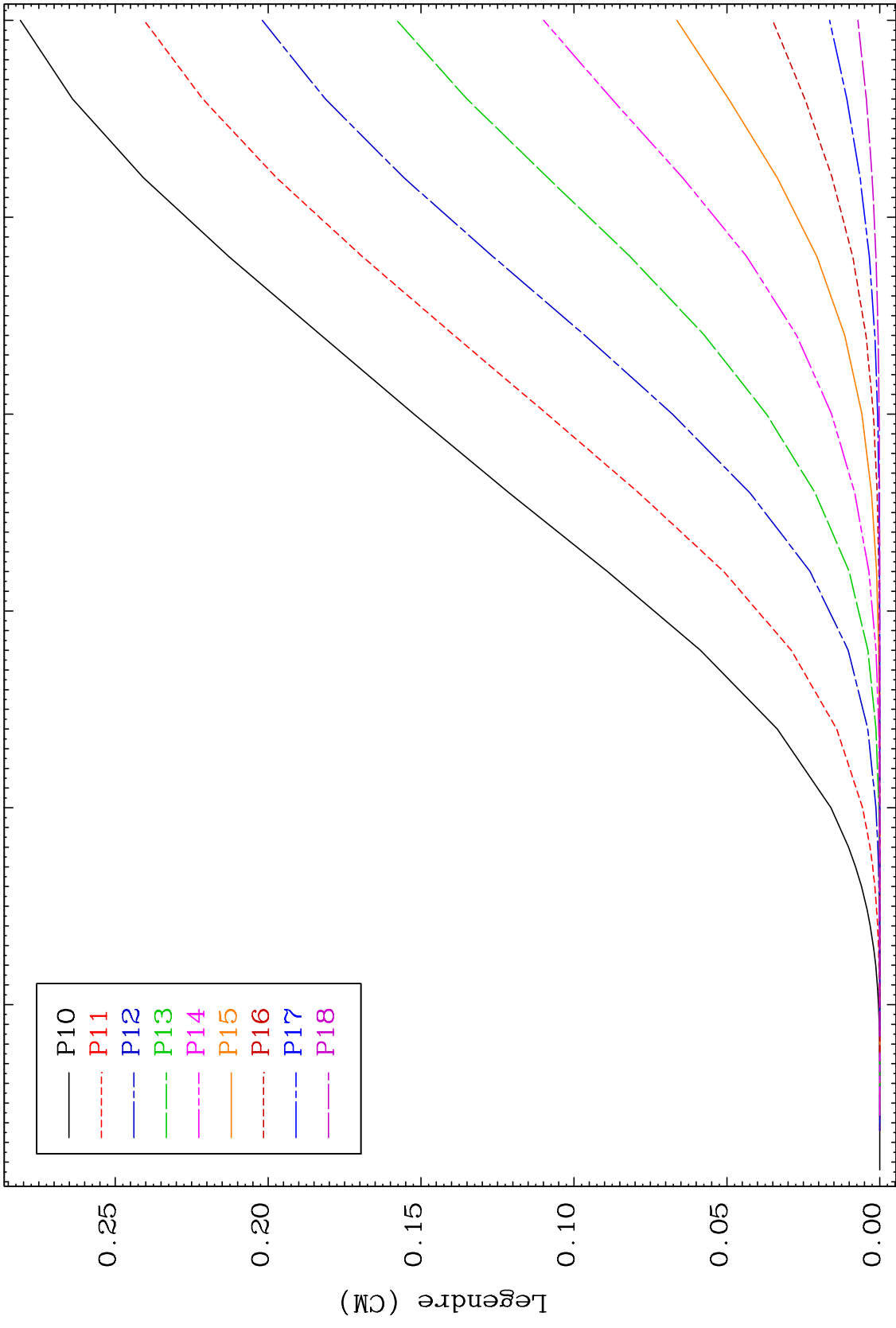
Incident Energy (MeV)

42-Mo-97

MAT 4240

Elastic Legendre Coefficients

42-Mo-97



19

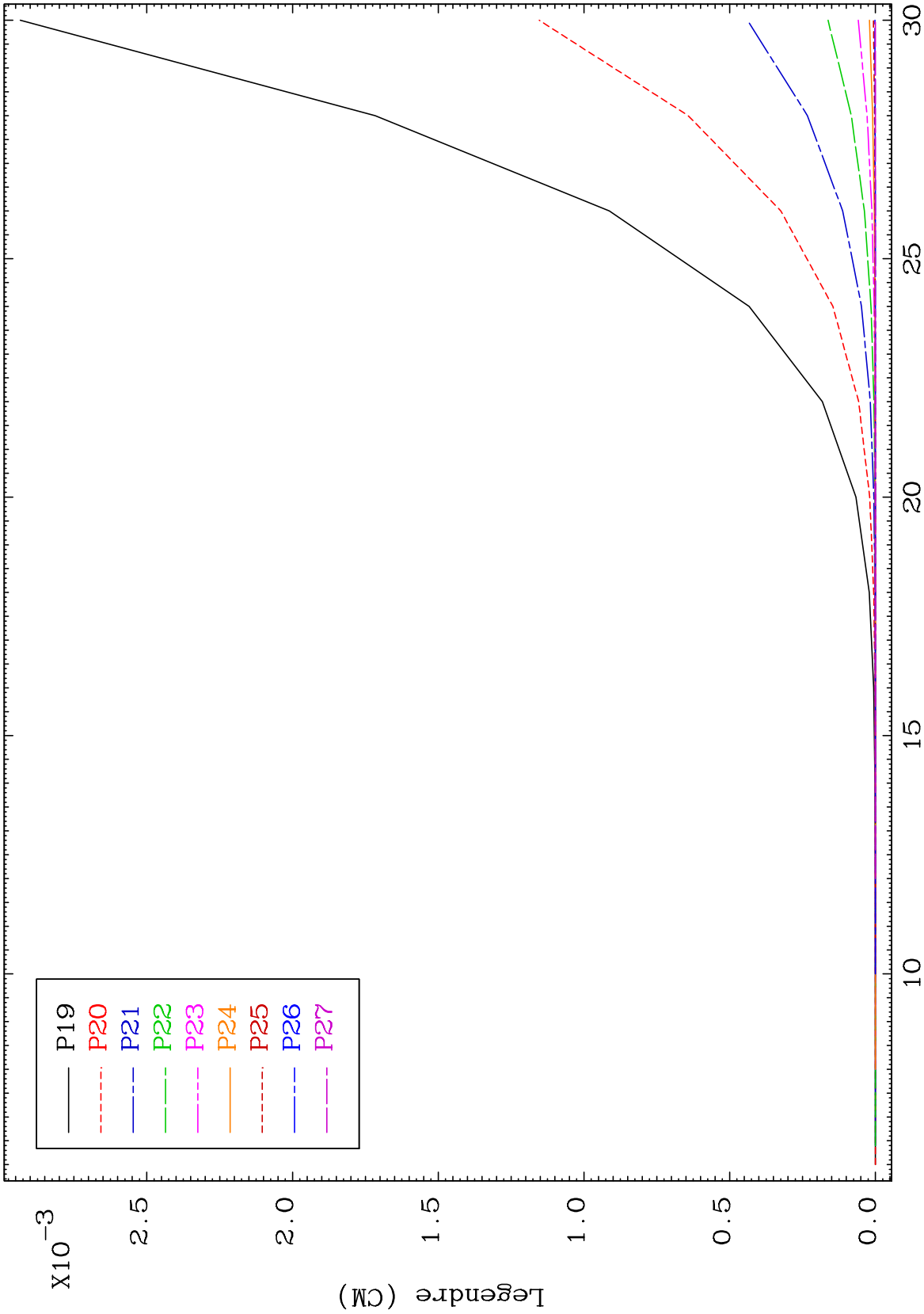
Incident Energy (MeV)

42-Mo-97

MAT 4240

Elastic Legendre Coefficients

42-Mo-97

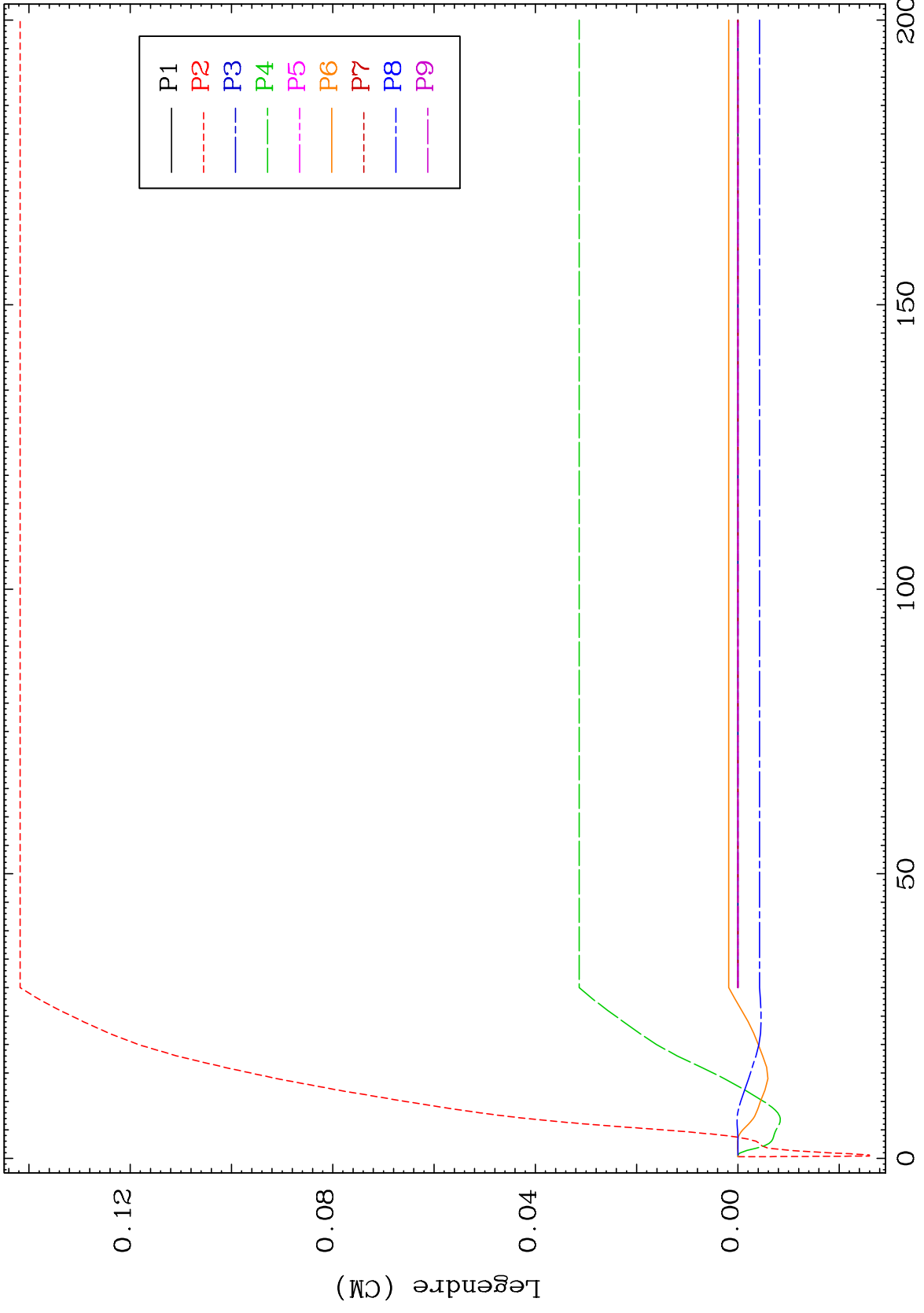


20

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 51 (n, n') Level Legendre Coefficients 42-Mo-97

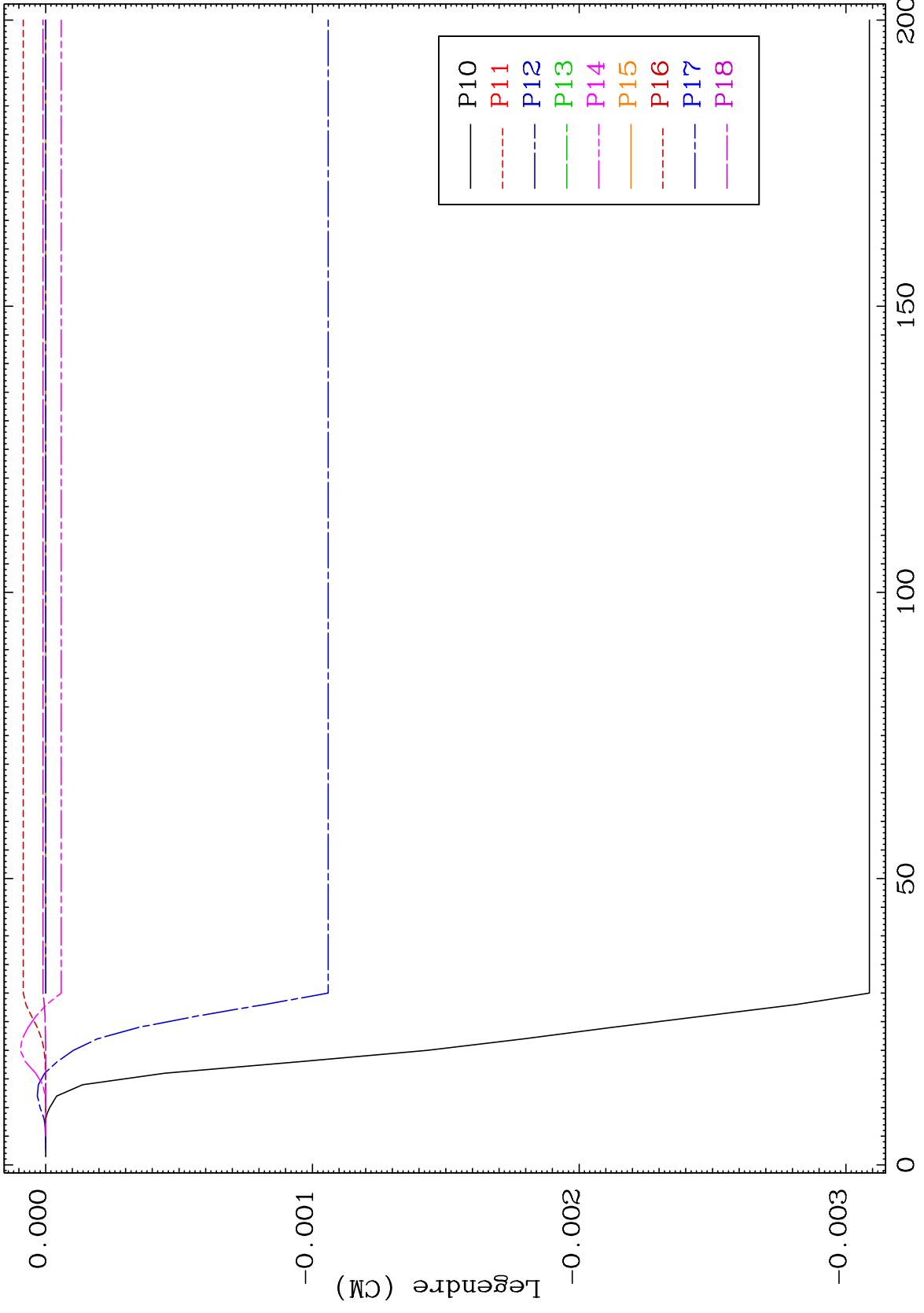


22 42-Mo-97

MAT 4240

MT= 51 (n,n') Level
Legendre Coefficients

42-Mo-97

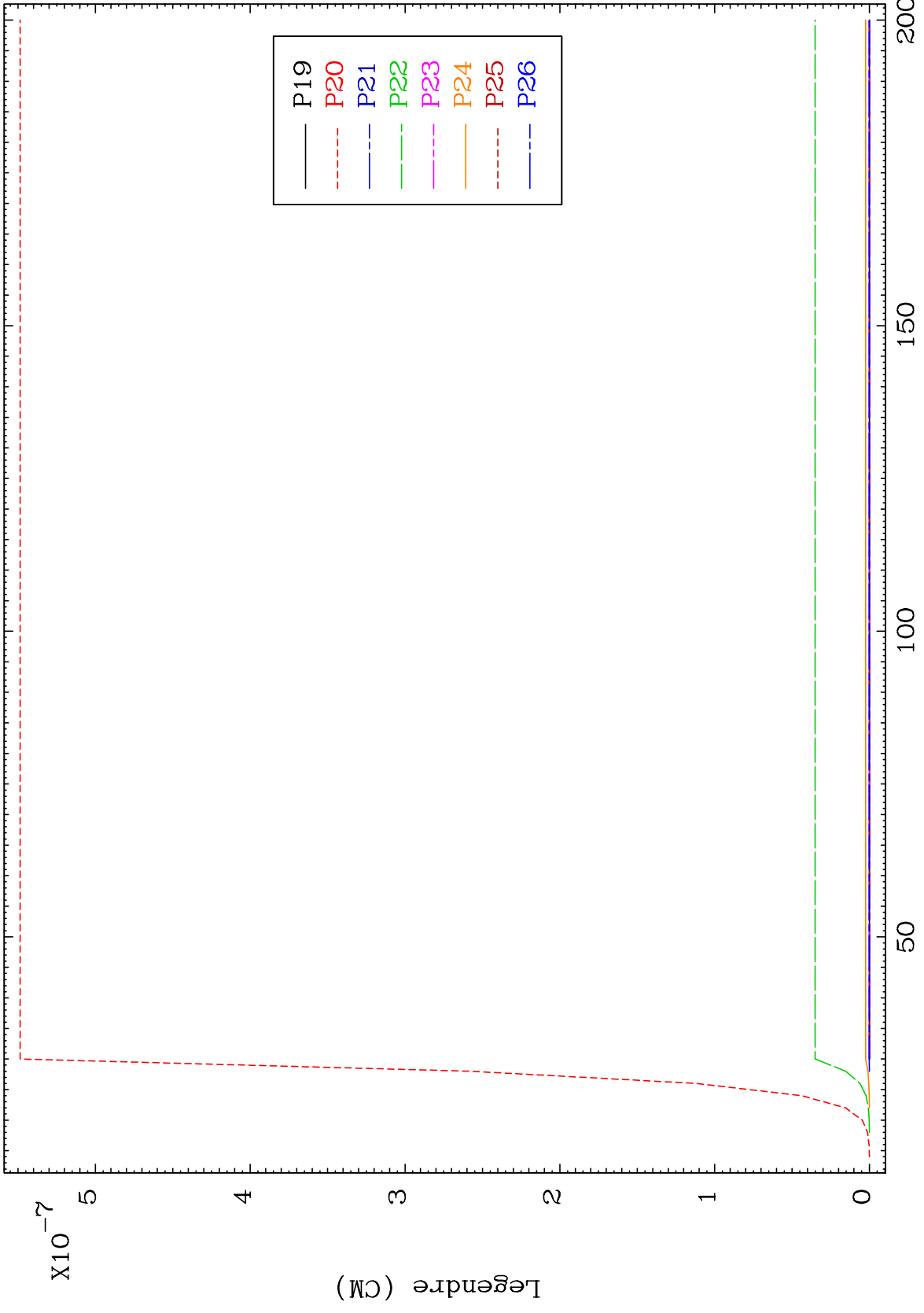


23

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 51 (n,n') Level Legendre Coefficients 42-Mo-97

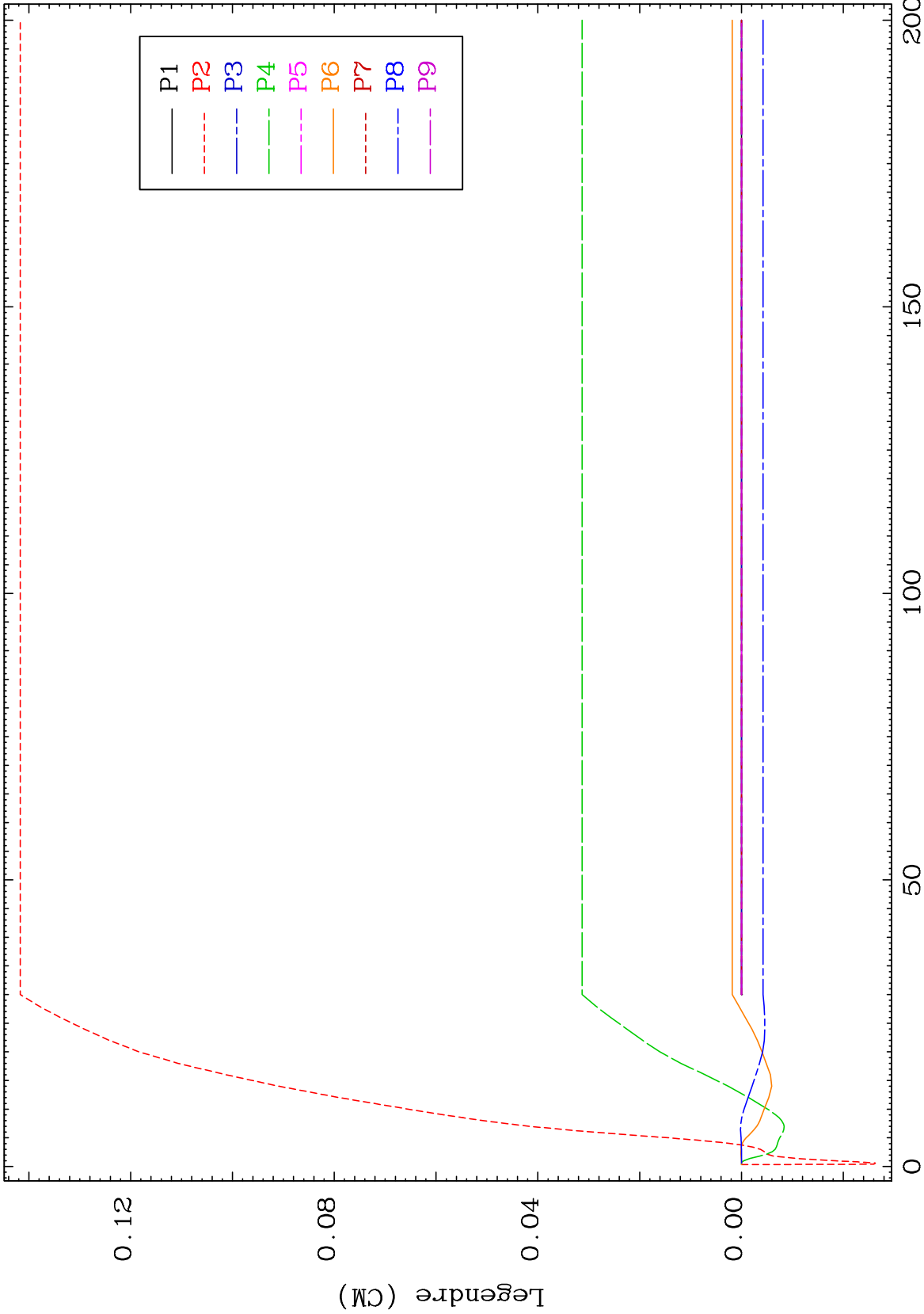


24 42-Mo-97

MAT 4240

MT= 52 (n,n') Level
Legendre Coefficients

42-Mo-97



25

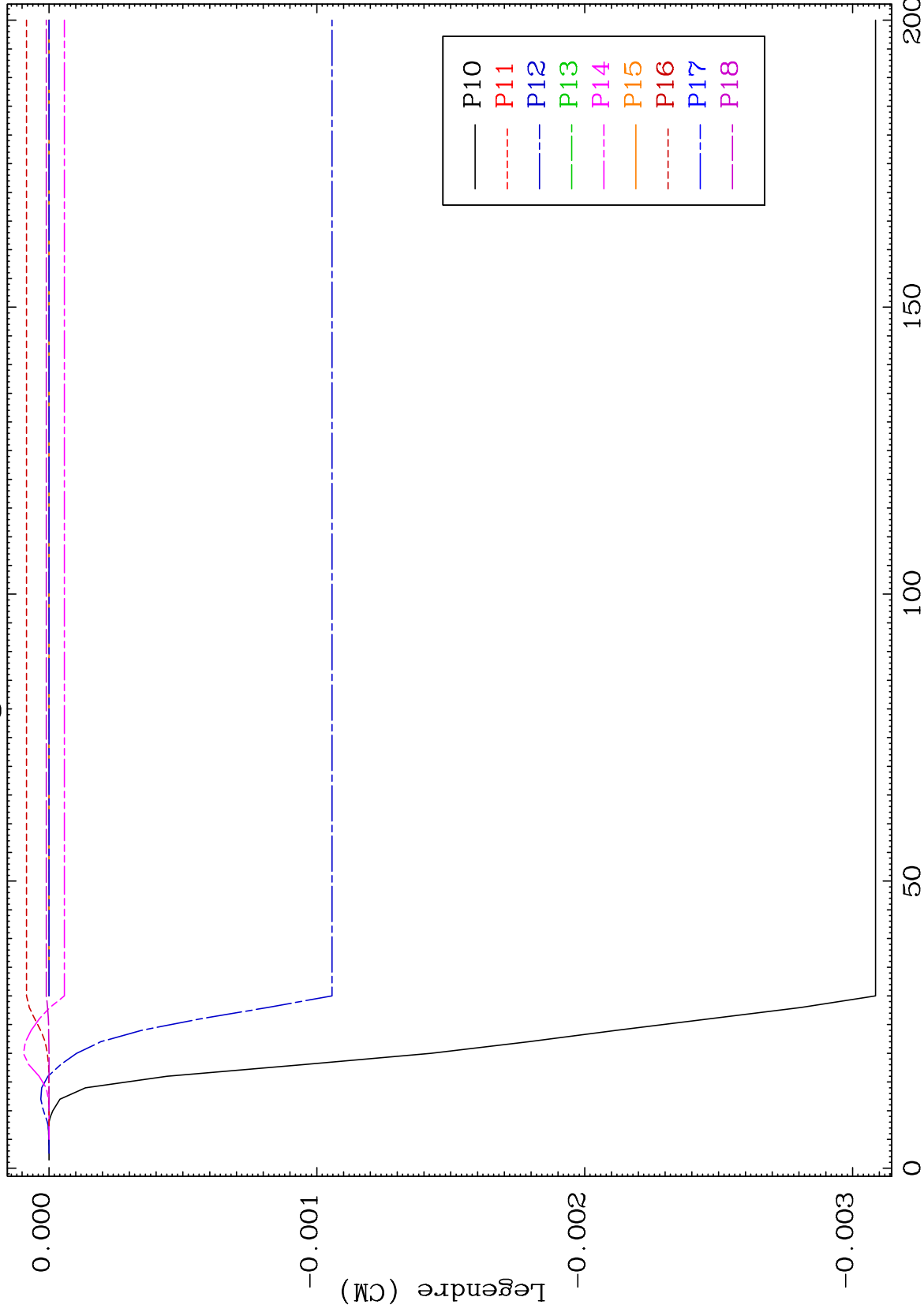
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 52 (n,n') Level
Legendre Coefficients

42-Mo-97

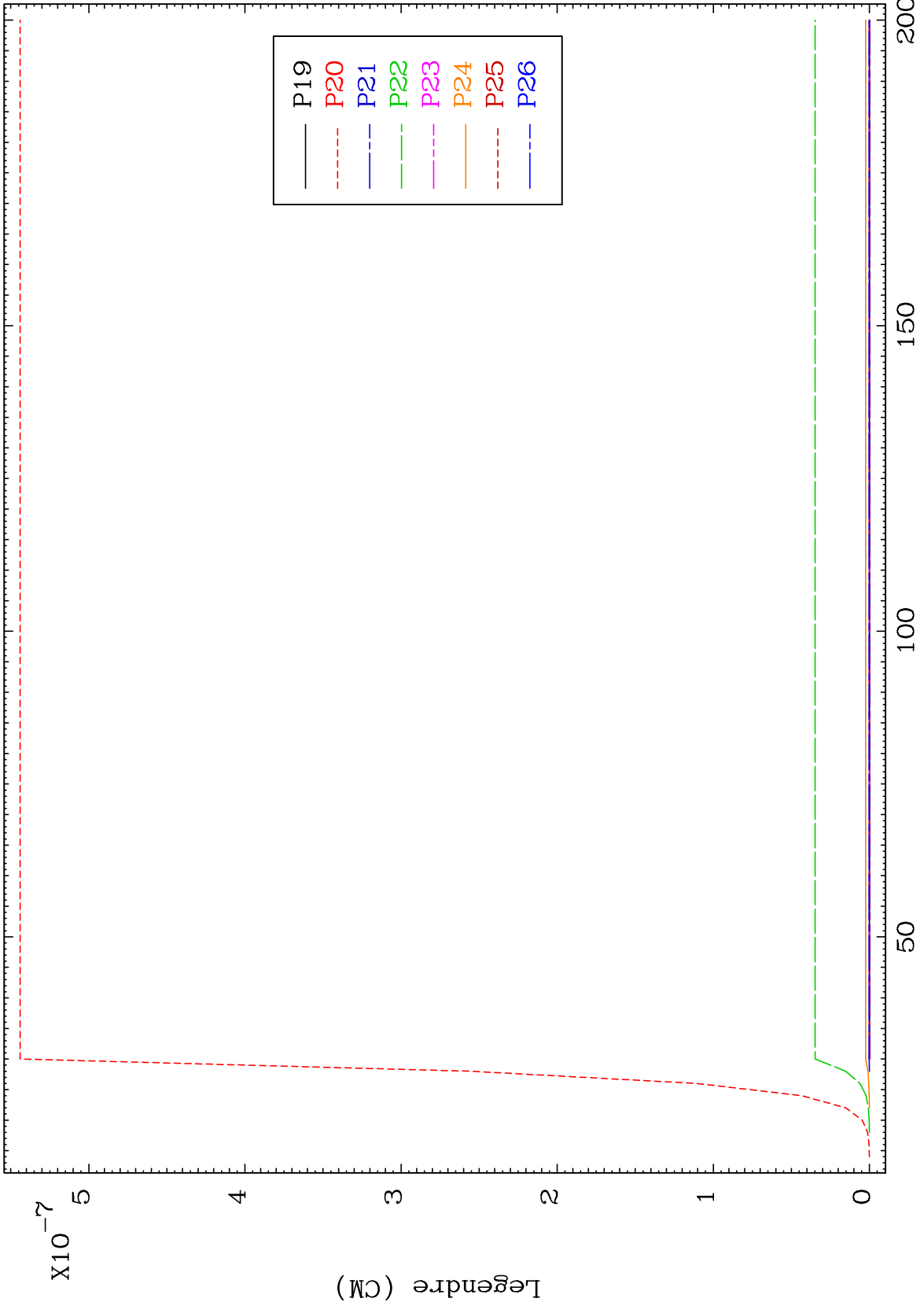


26

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 52 (n,n') Level Legendre Coefficients 42-Mo-97

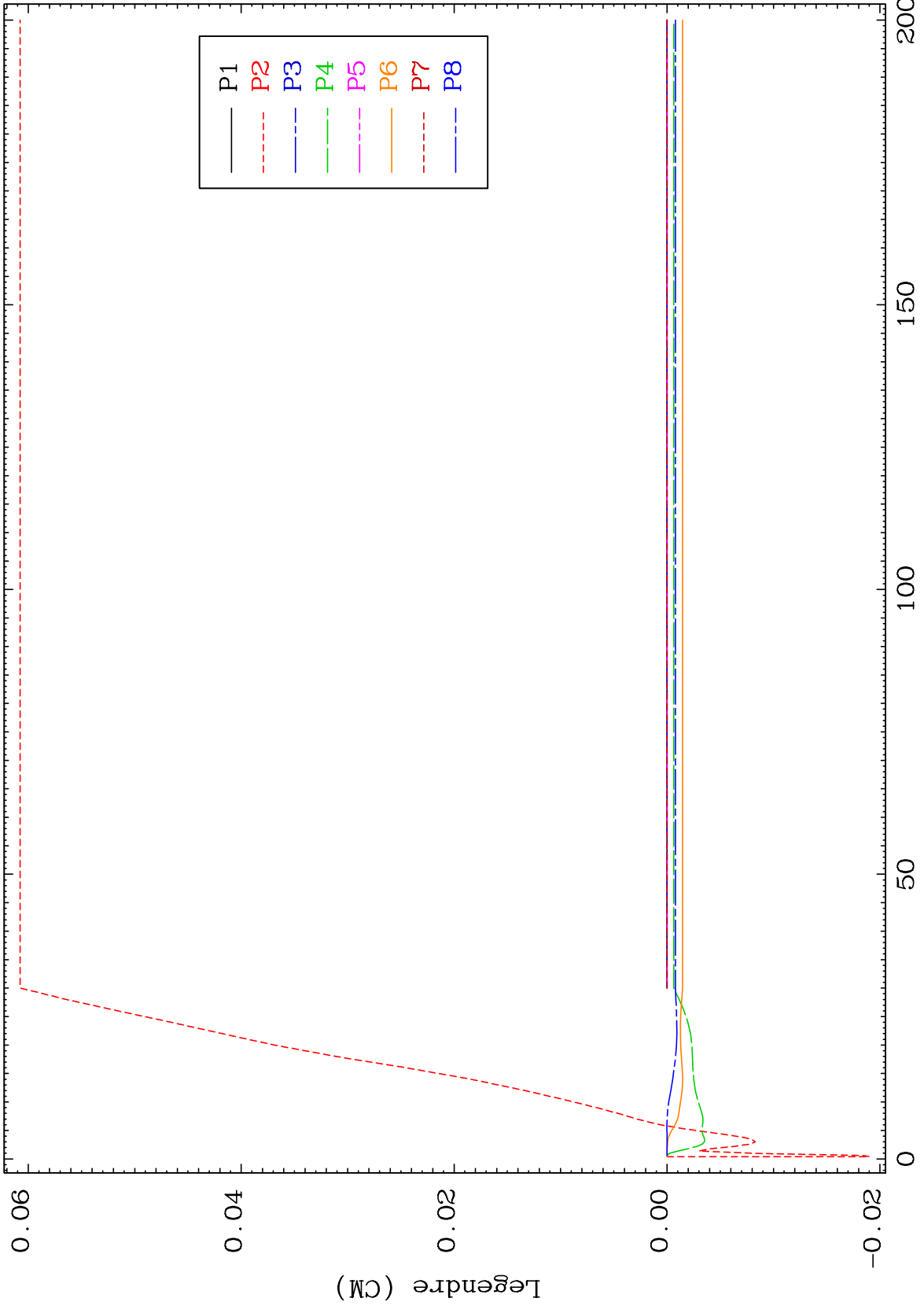


27 42-Mo-97

MAT 4240

MT= 53 (n,n') Level
Legendre Coefficients

42-Mo-97



28

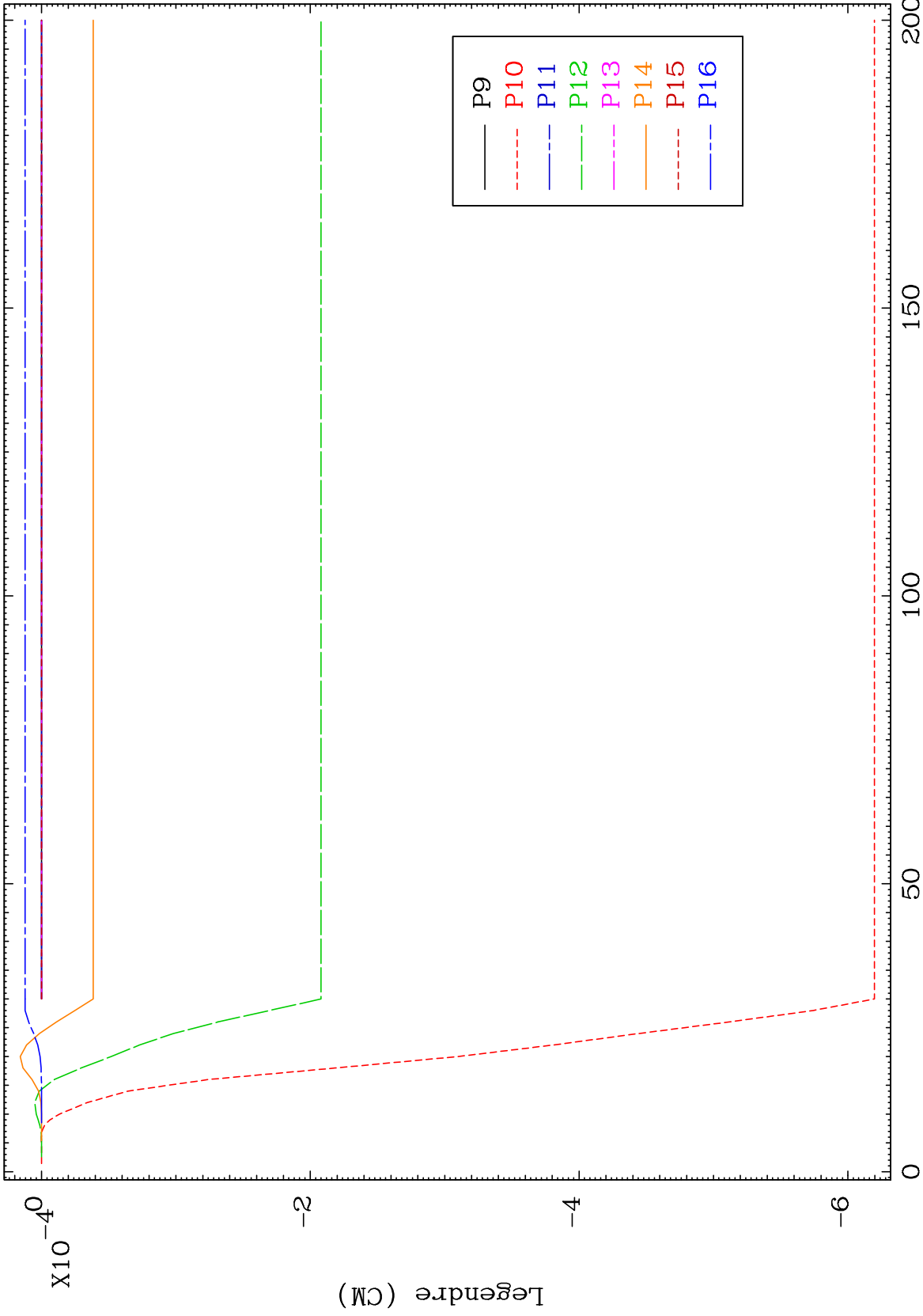
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 53 (n,n') Level
Legendre Coefficients

42-Mo-97

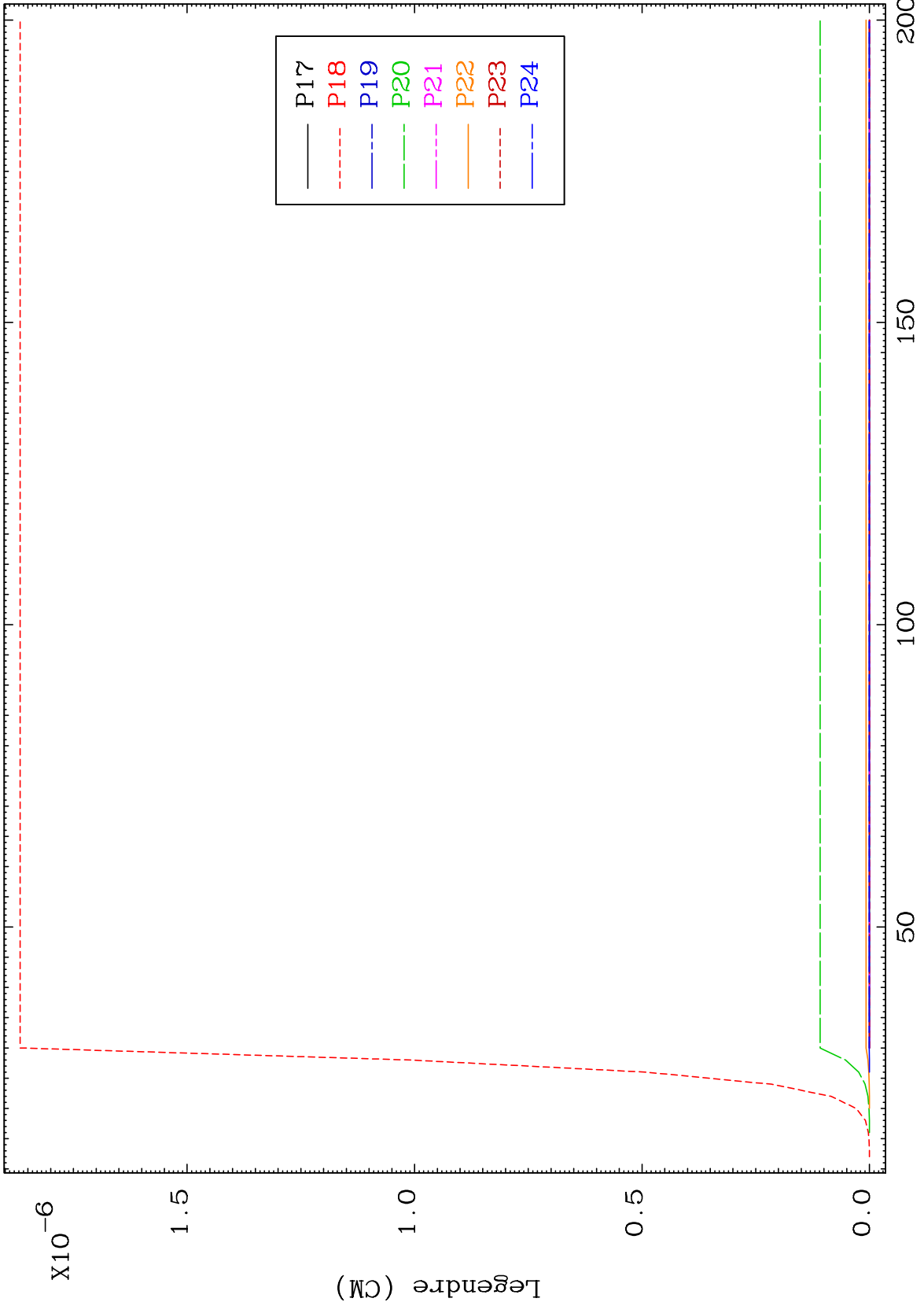


29

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 53 (n,n') Level Legendre Coefficients 42-Mo-97

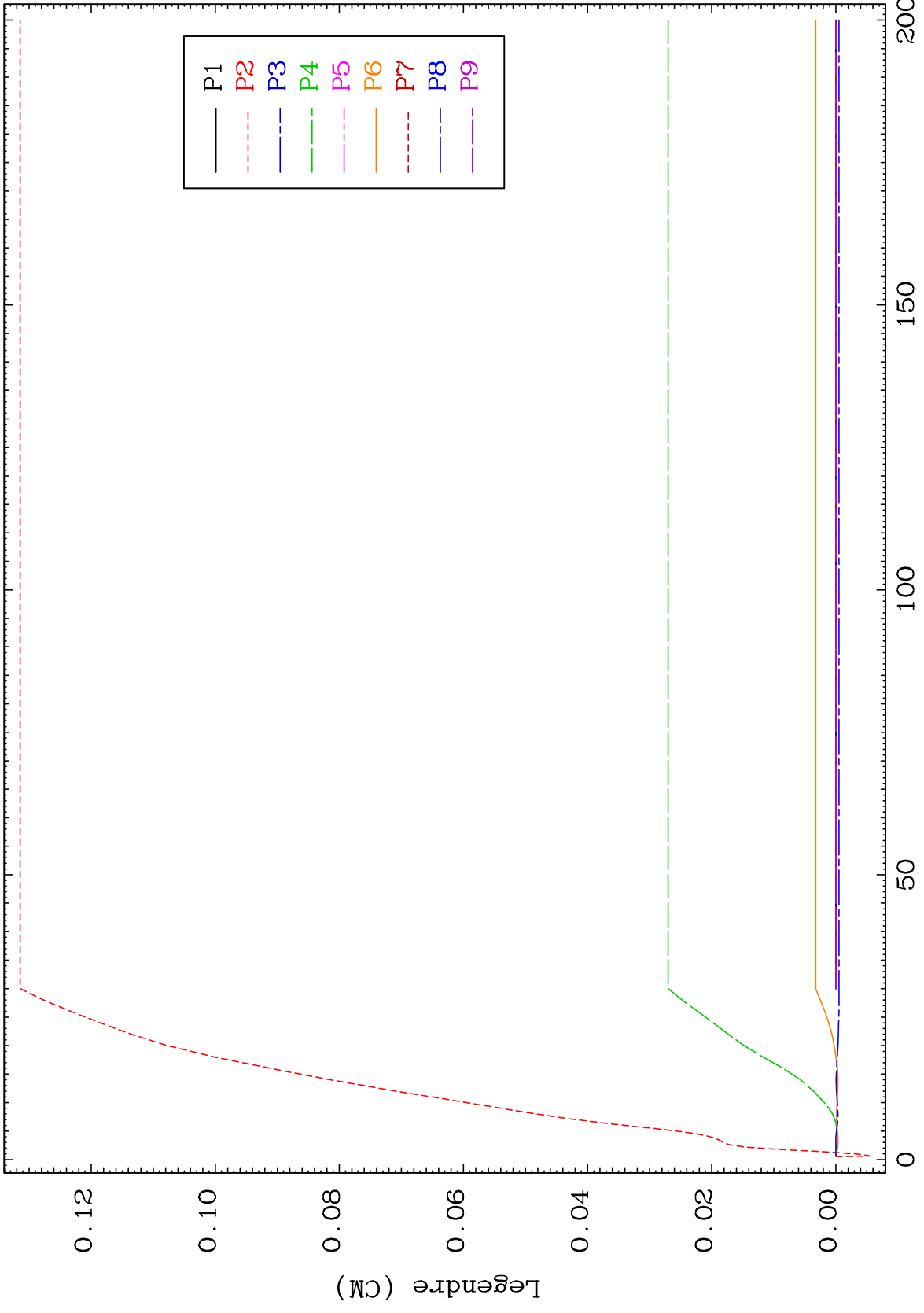


42-Mo-97

MAT 4240

MT= 54 (n,n') Level
Legendre Coefficients

42-Mo-97



31

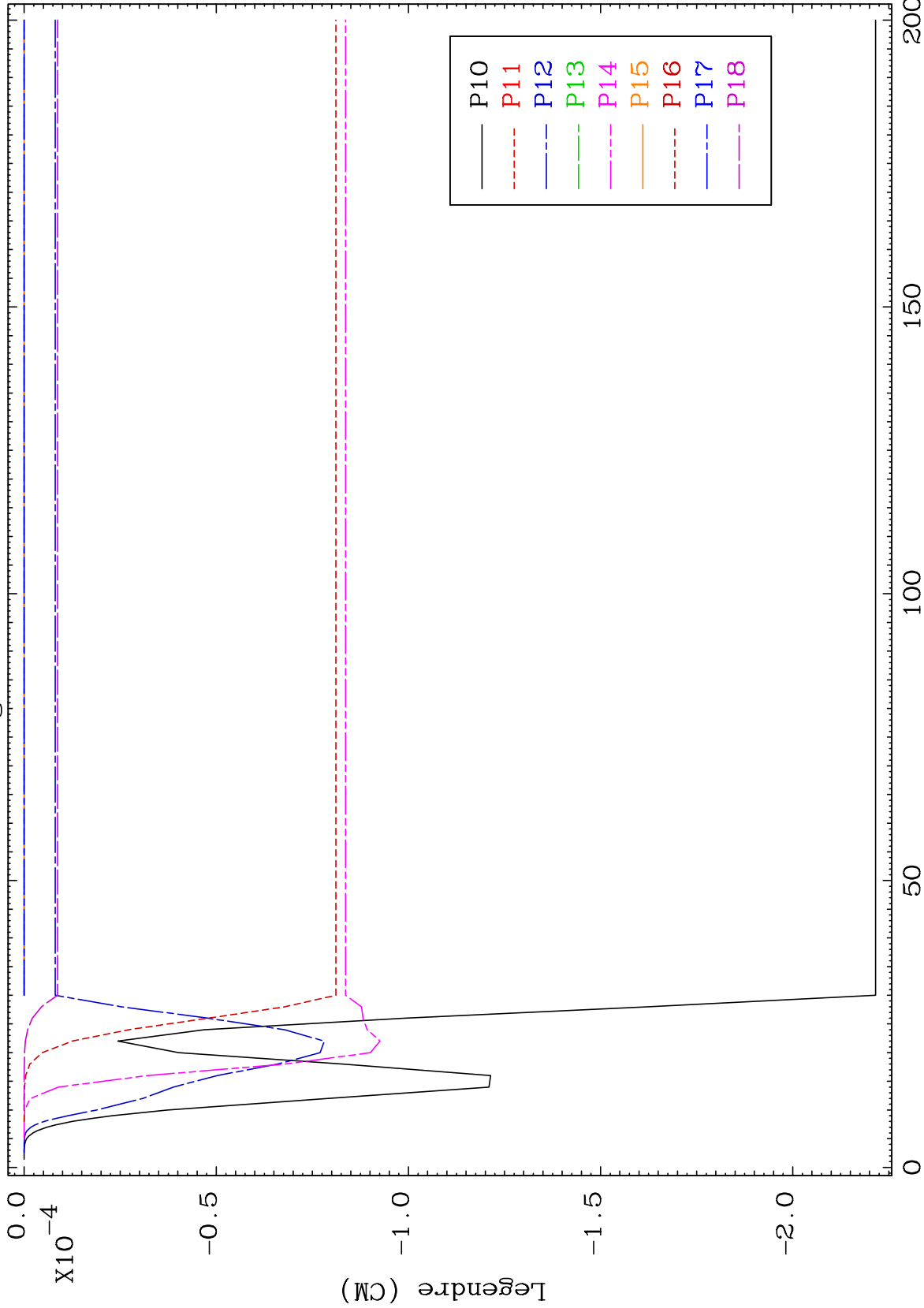
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 54 (n,n') Level
Legendre Coefficients

42-Mo-97



32

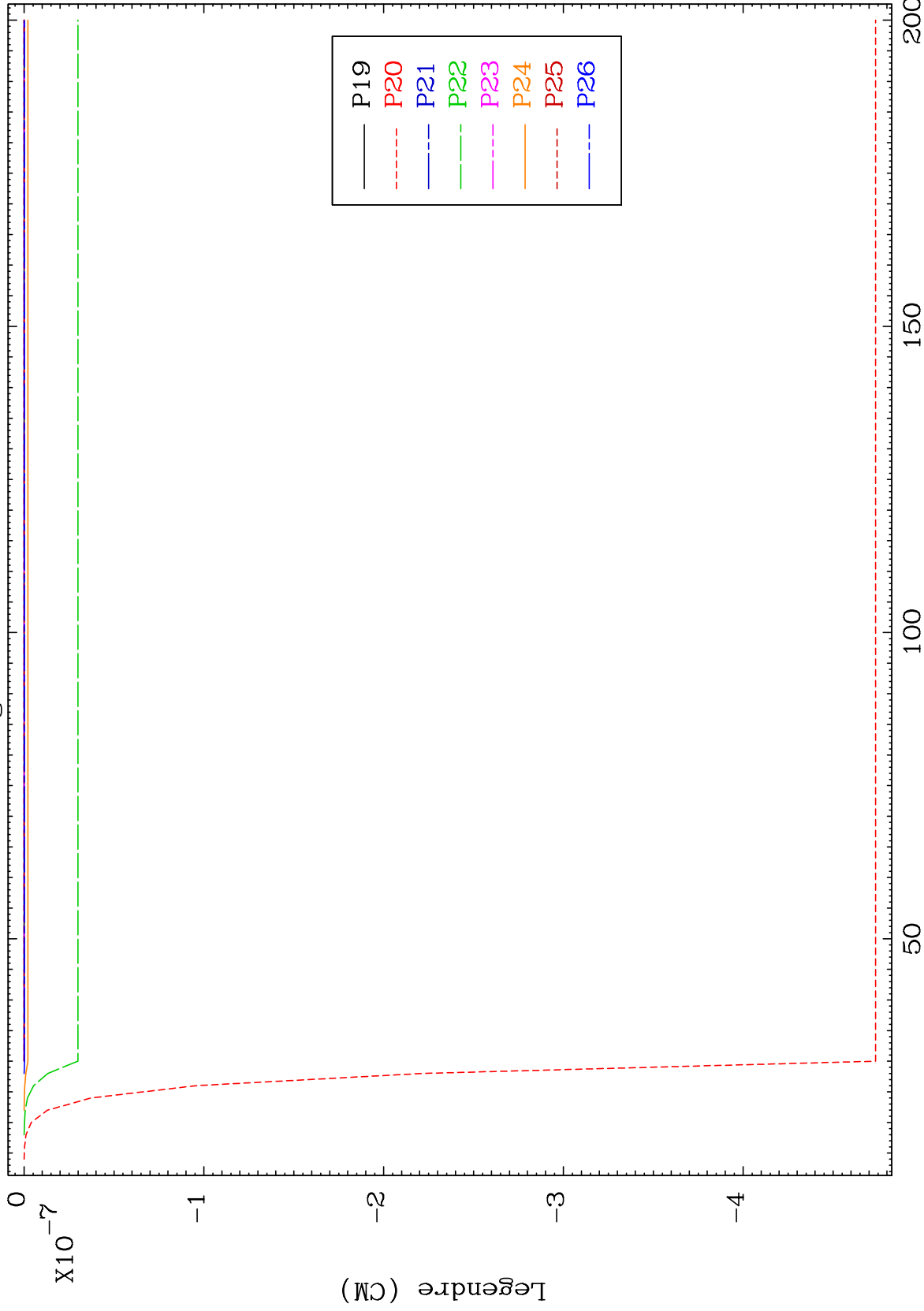
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 54 (n,n') Level
Legendre Coefficients

42-Mo-97



42-Mo-97

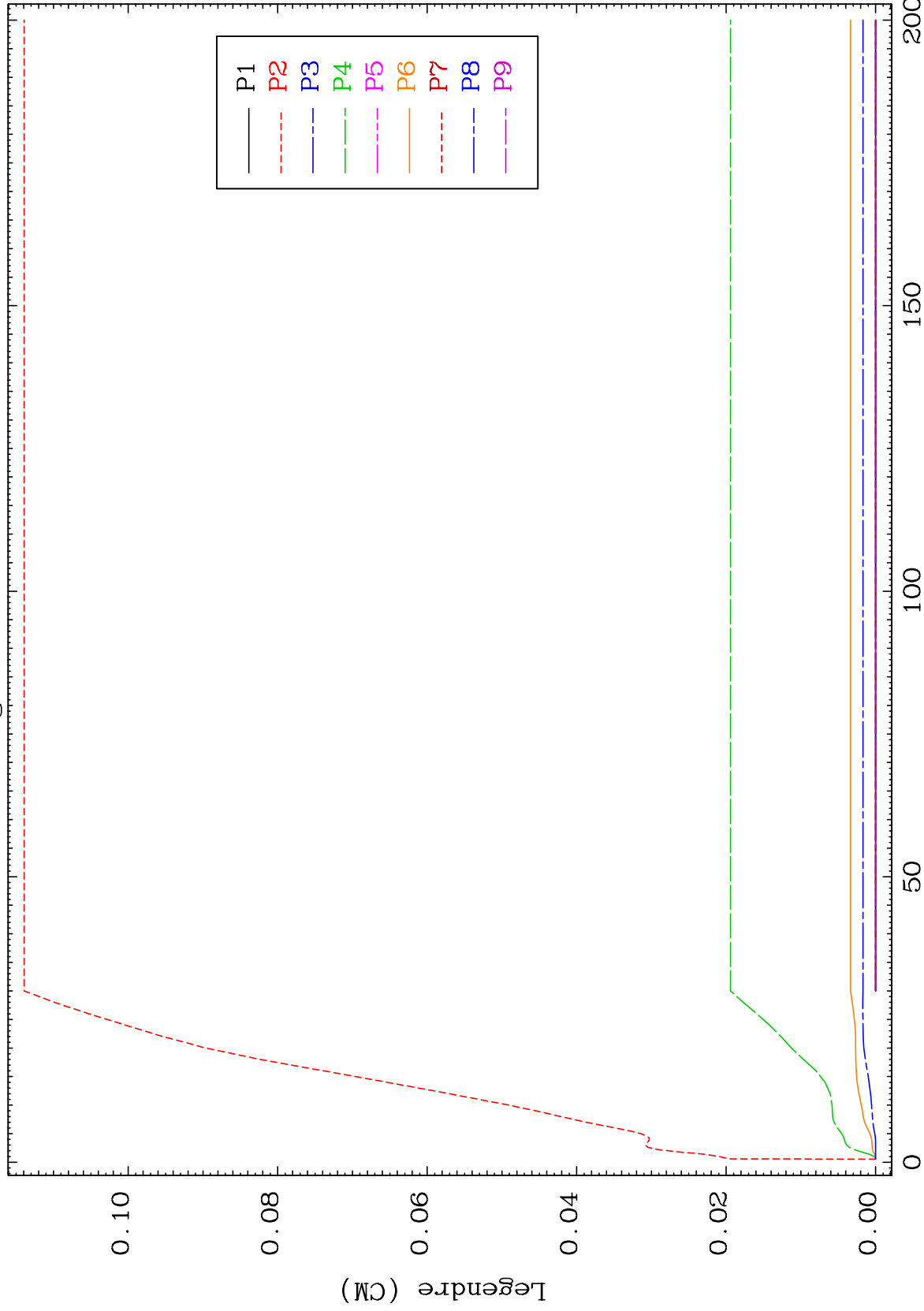
Incident Energy (MeV)

33

MAT 4240

MT= 55 (n,n') Level
Legendre Coefficients

42-Mo-97



34

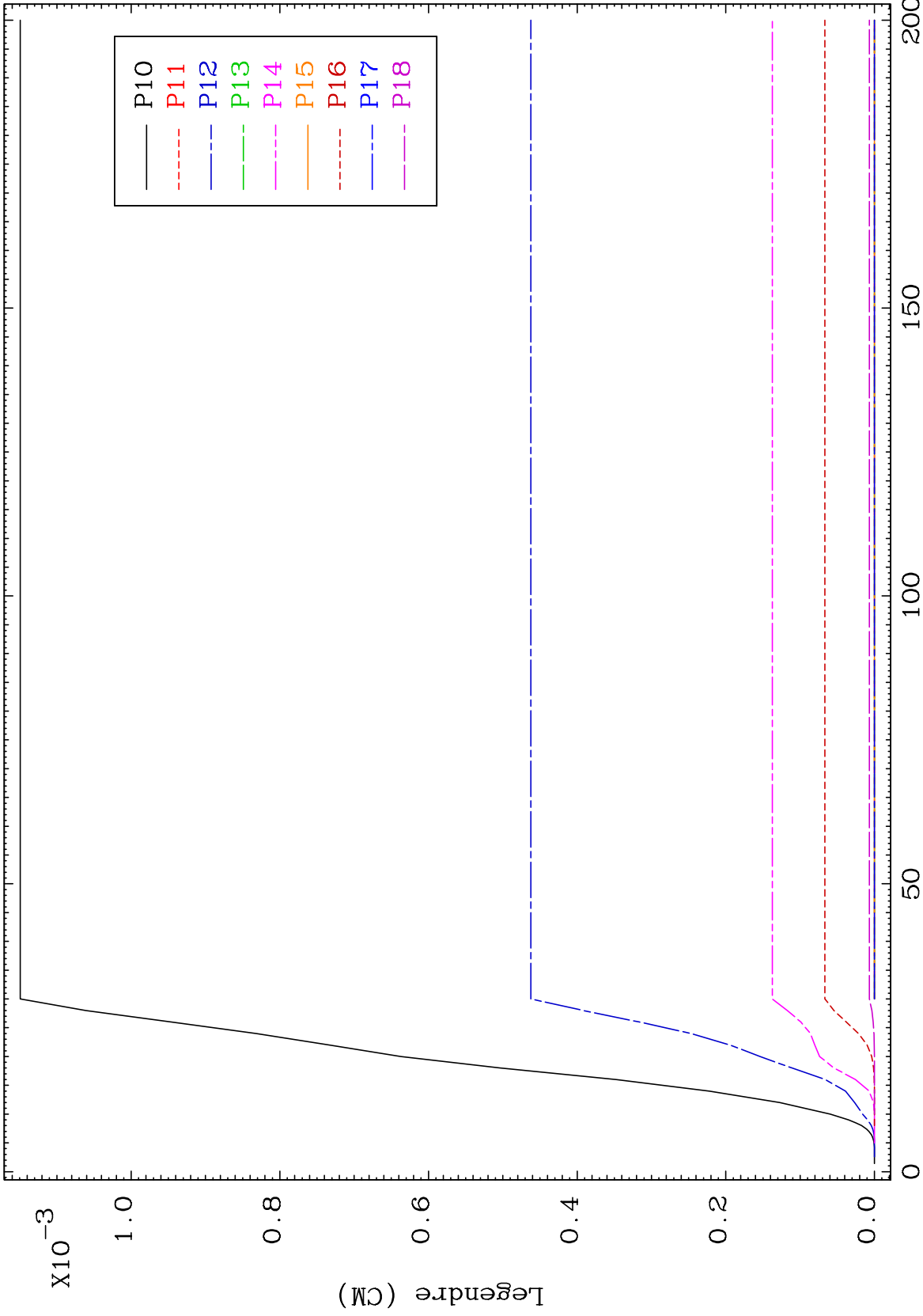
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 55 (n,n') Level
Legendre Coefficients

42-Mo-97

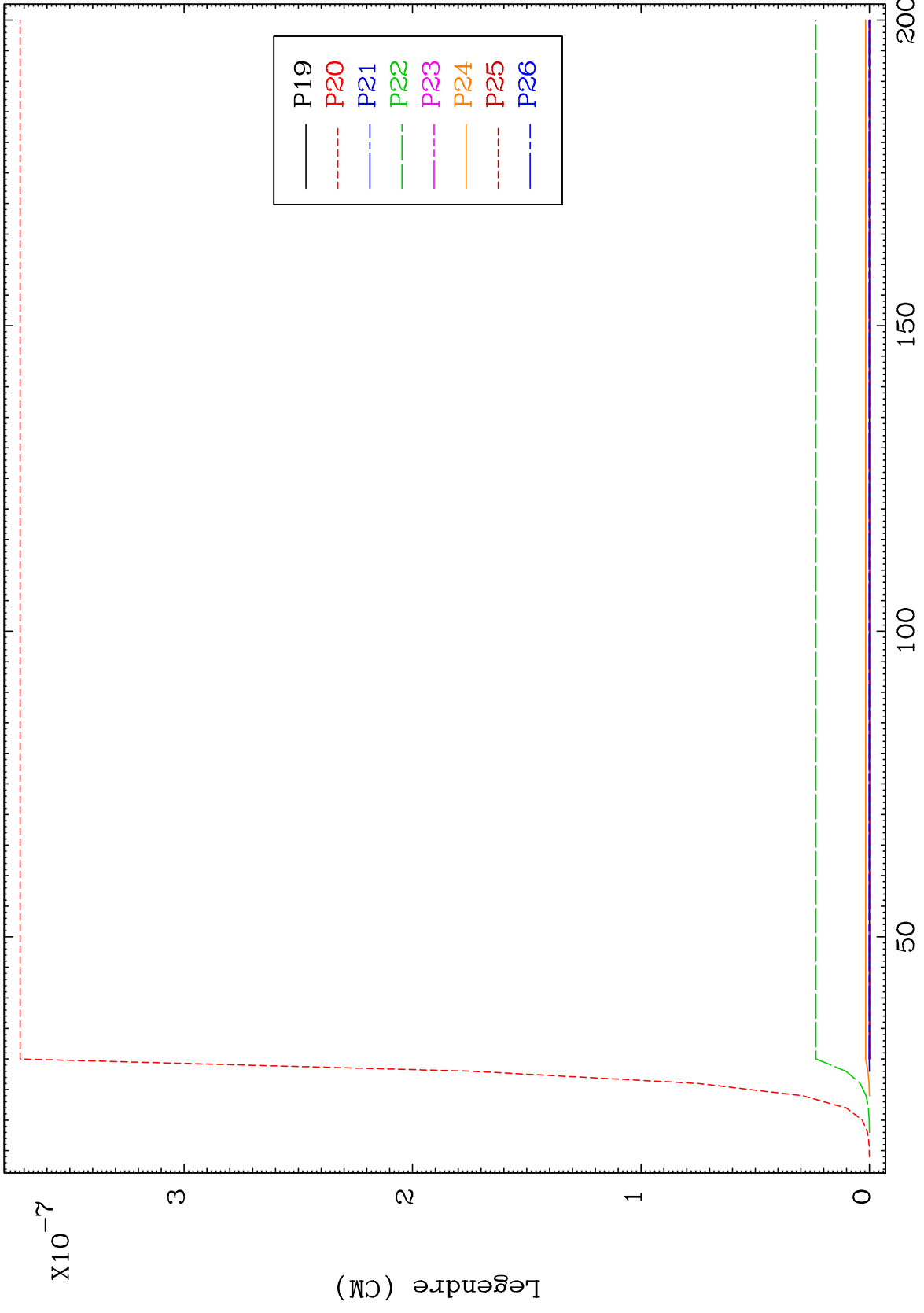


35

Incident Energy (MeV)

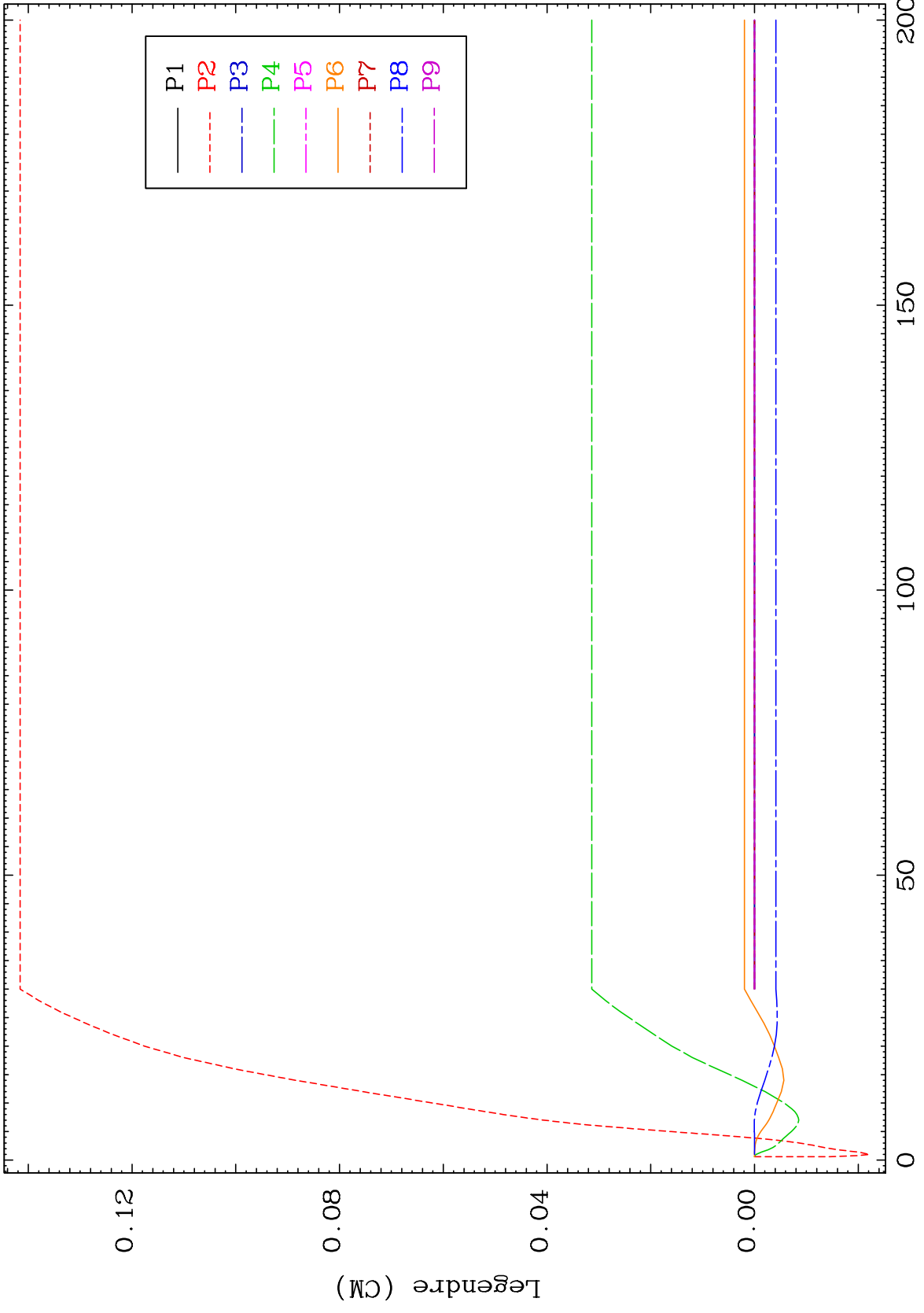
42-Mo-97

MAT 4240 MT= 55 (n,n') Level Legendre Coefficients 42-Mo-97



36 42-Mo-97

MAT 4240 MT= 56 (n,n') Level Legendre Coefficients 42-Mo-97

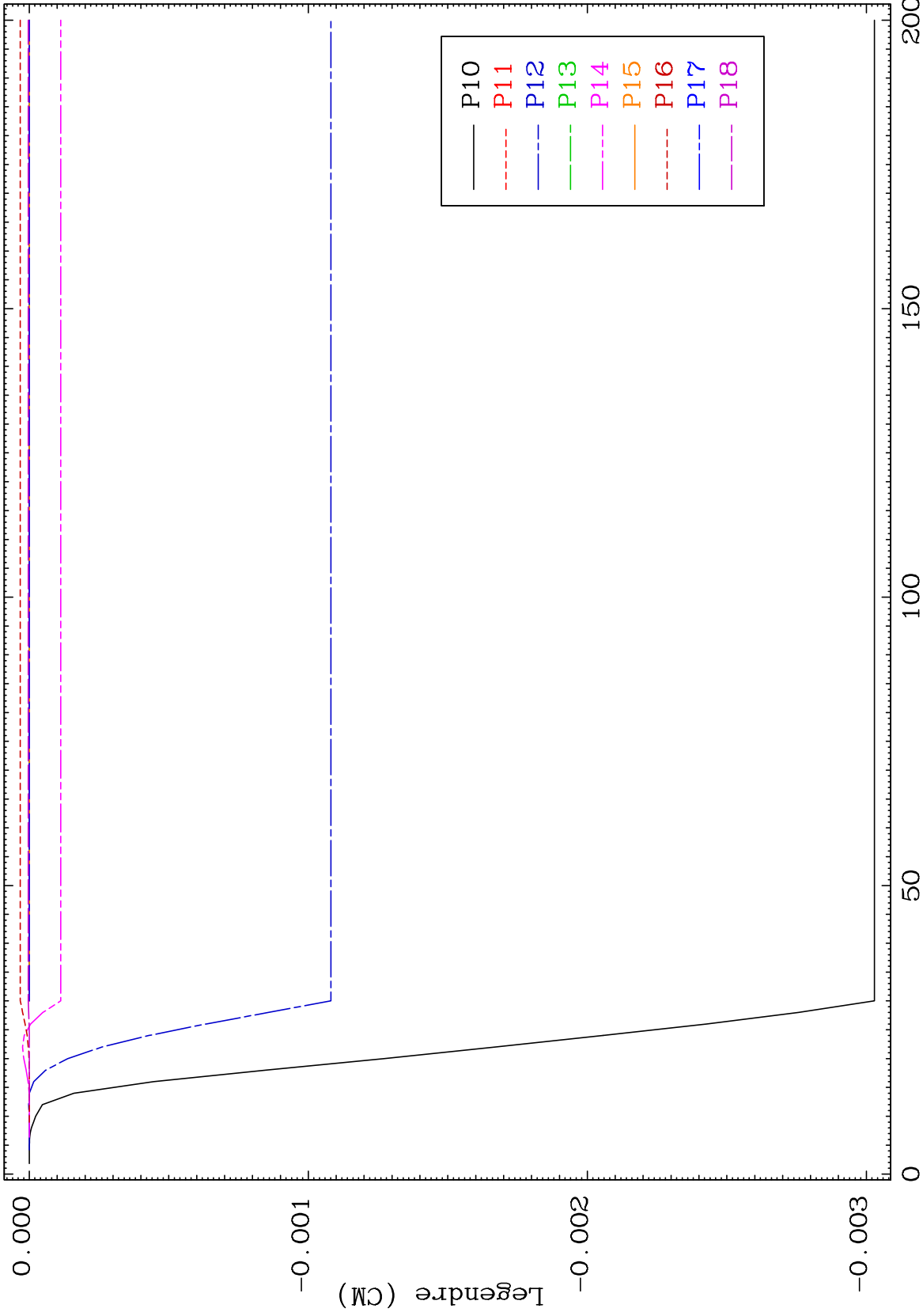


37 42-Mo-97

MAT 4240

MT= 56 (n,n') Level
Legendre Coefficients

42-Mo-97



38

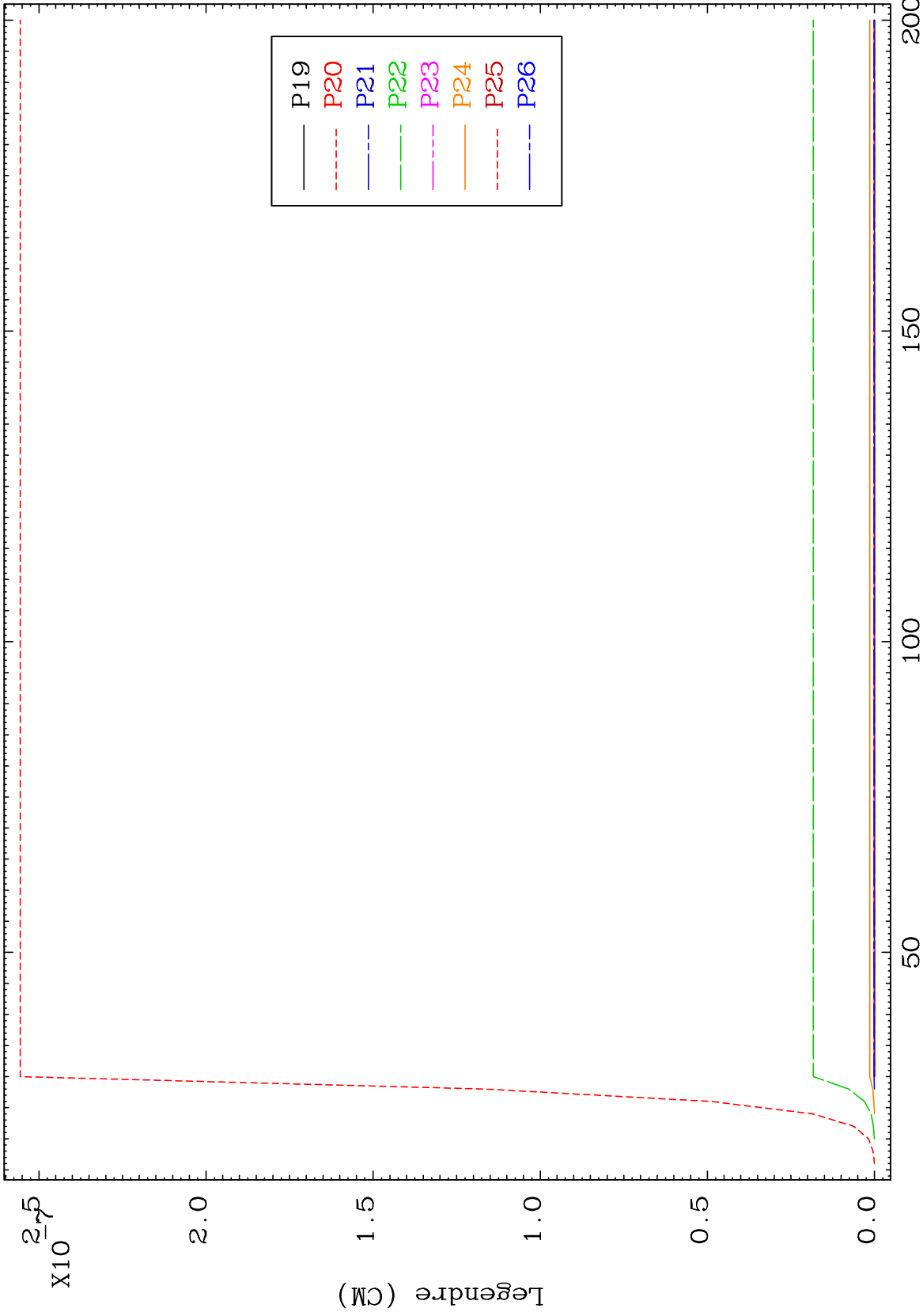
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 56 (n,n') Level
Legendre Coefficients

42-Mo-97



39

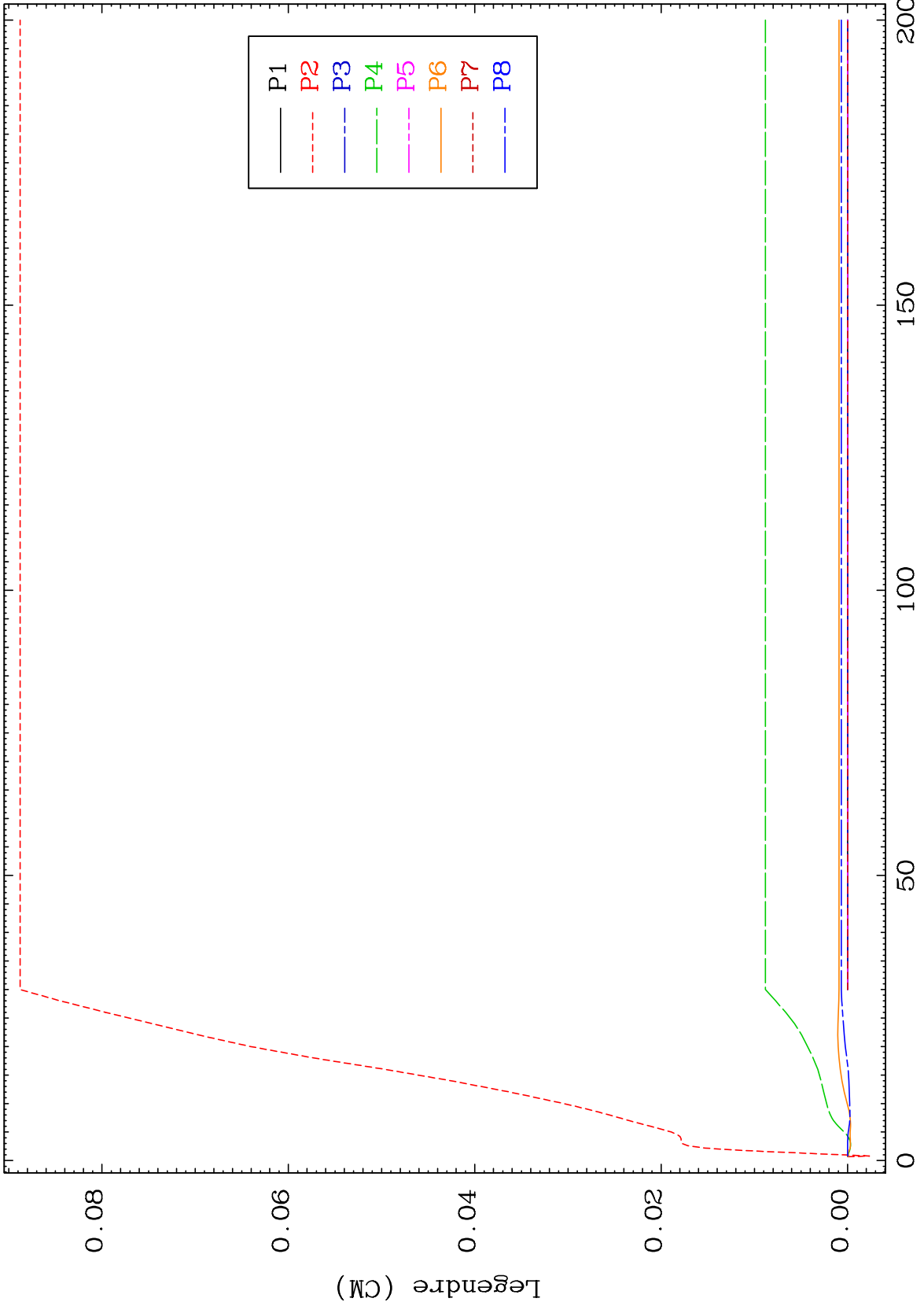
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 57 (n,n') Level
Legendre Coefficients

42-Mo-97



42-Mo-97

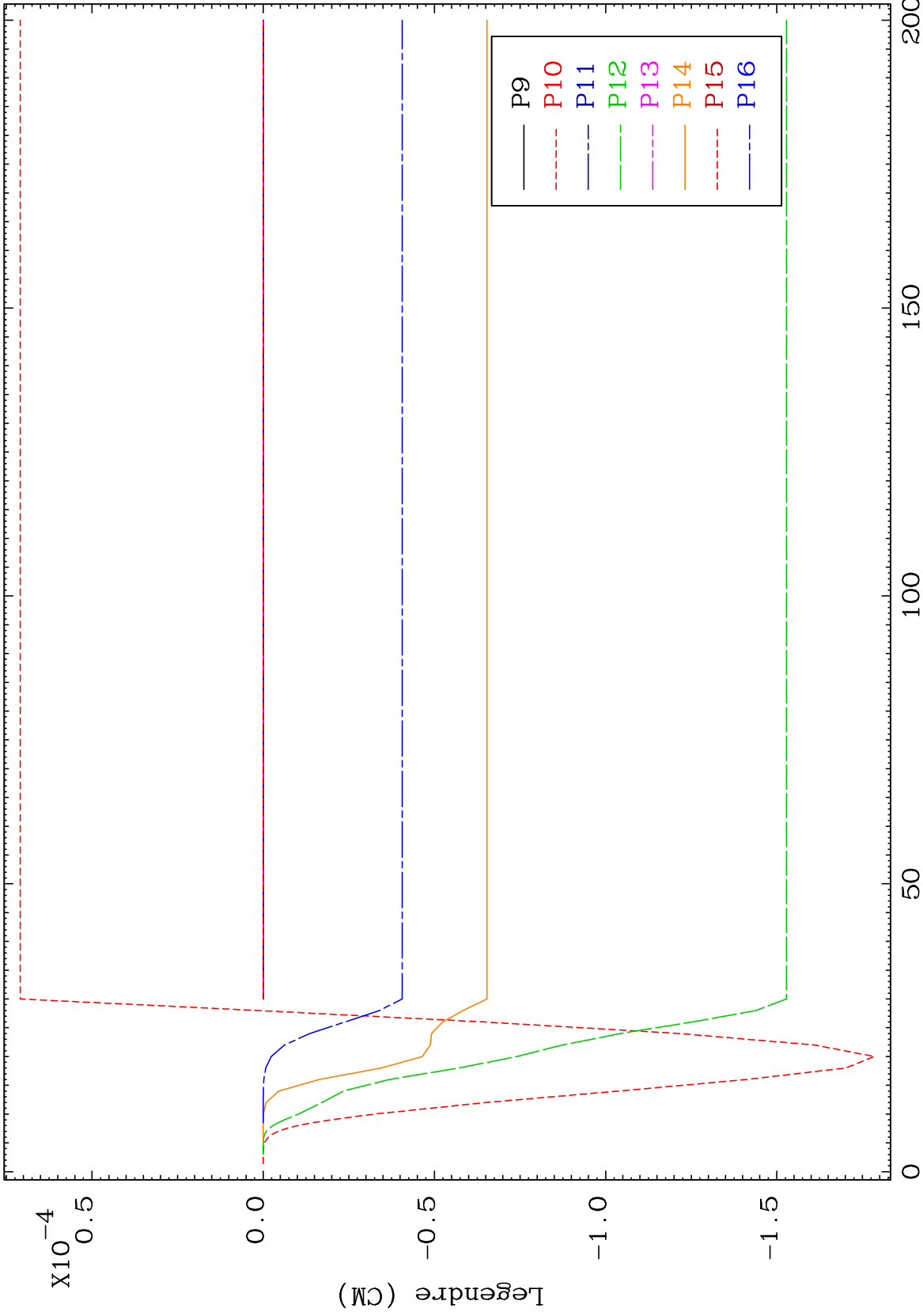
Incident Energy (MeV)

40

MAT 4240

MT= 57 (n,n') Level
Legendre Coefficients

42-Mo-97



41

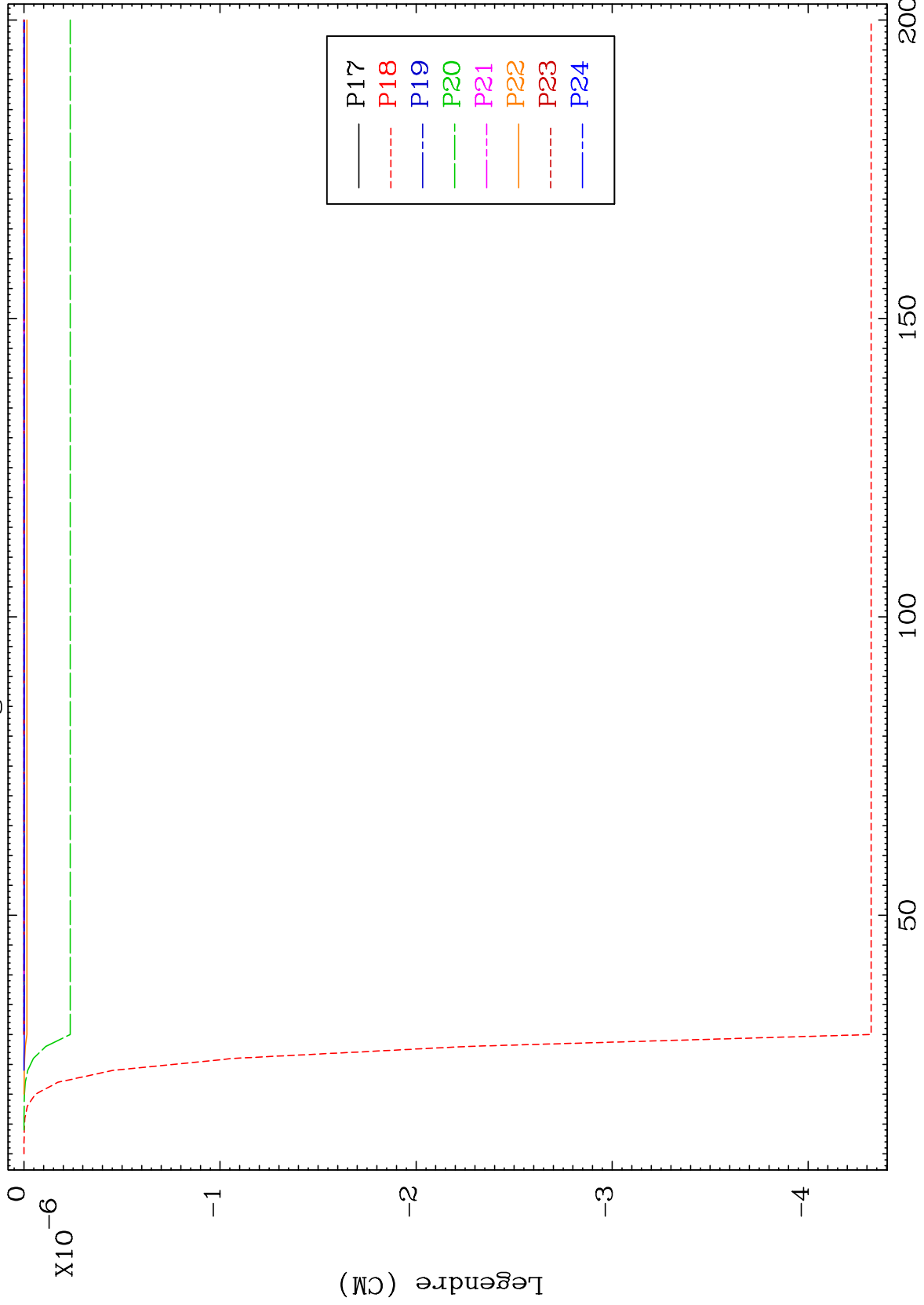
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 57 (n,n') Level
Legendre Coefficients

42-Mo-97



42-Mo-97

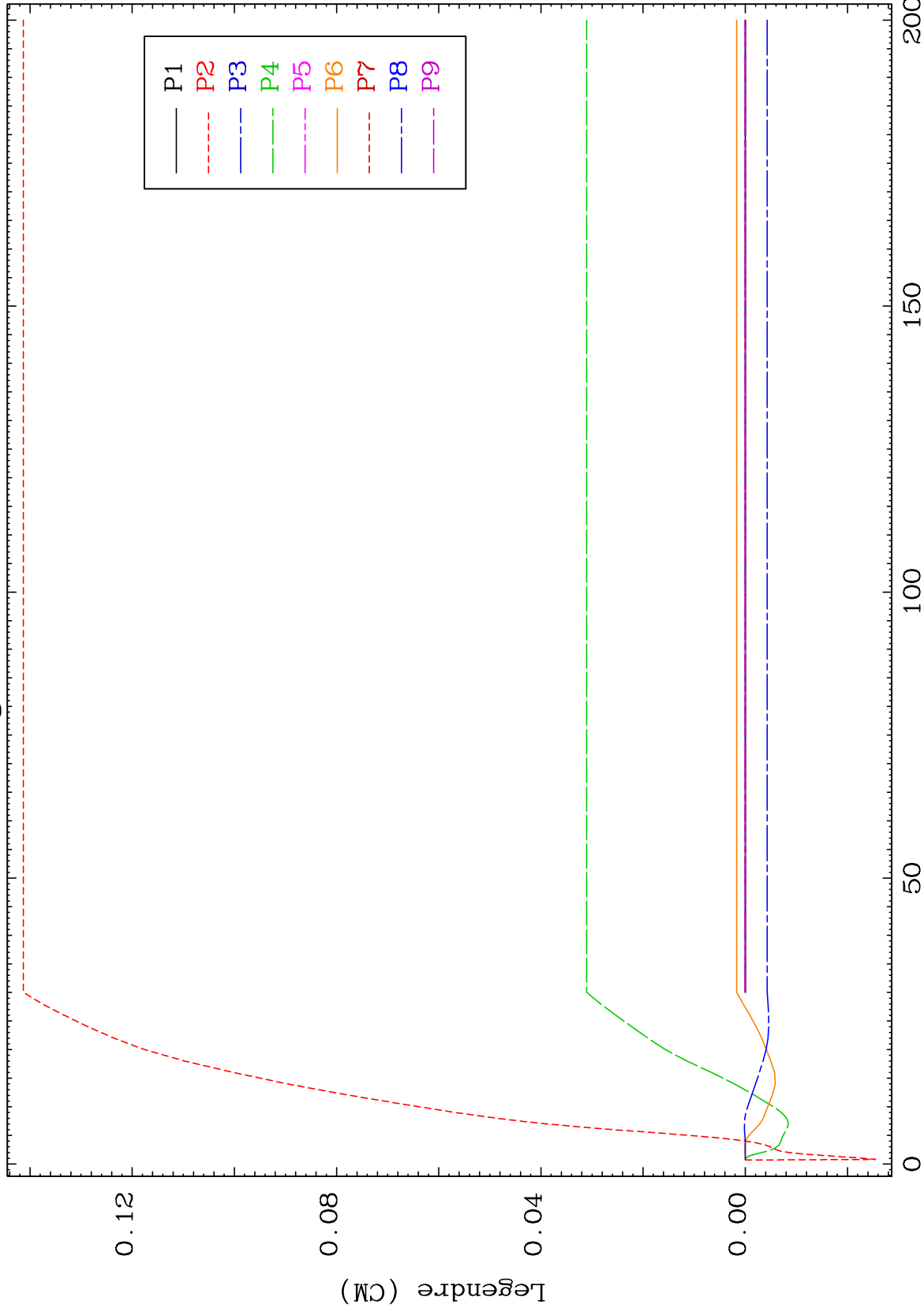
Incident Energy (MeV)

42

MAT 4240

MT= 58 (n,n') Level
Legendre Coefficients

42-Mo-97



43

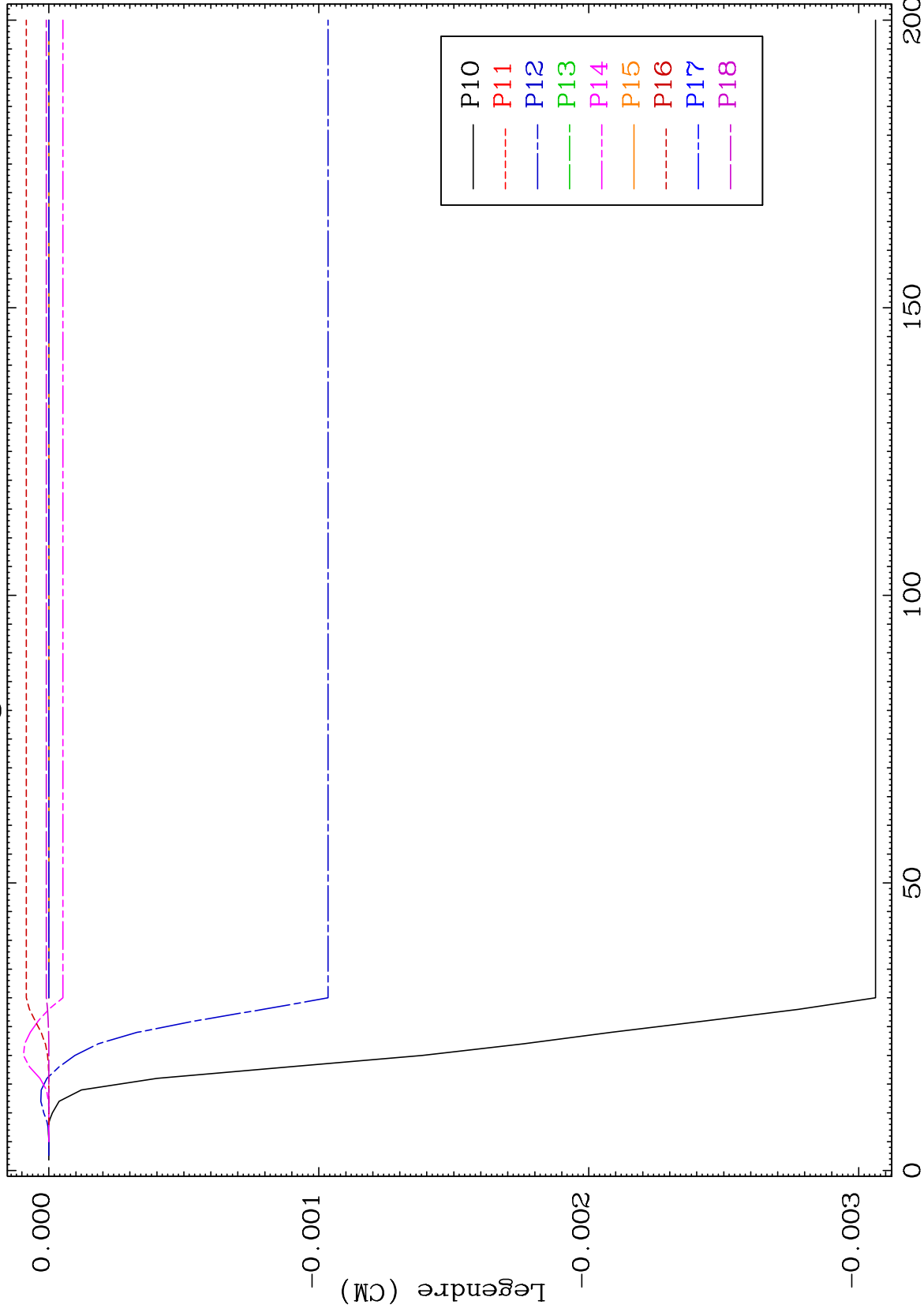
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 58 (n,n') Level
Legendre Coefficients

42-Mo-97

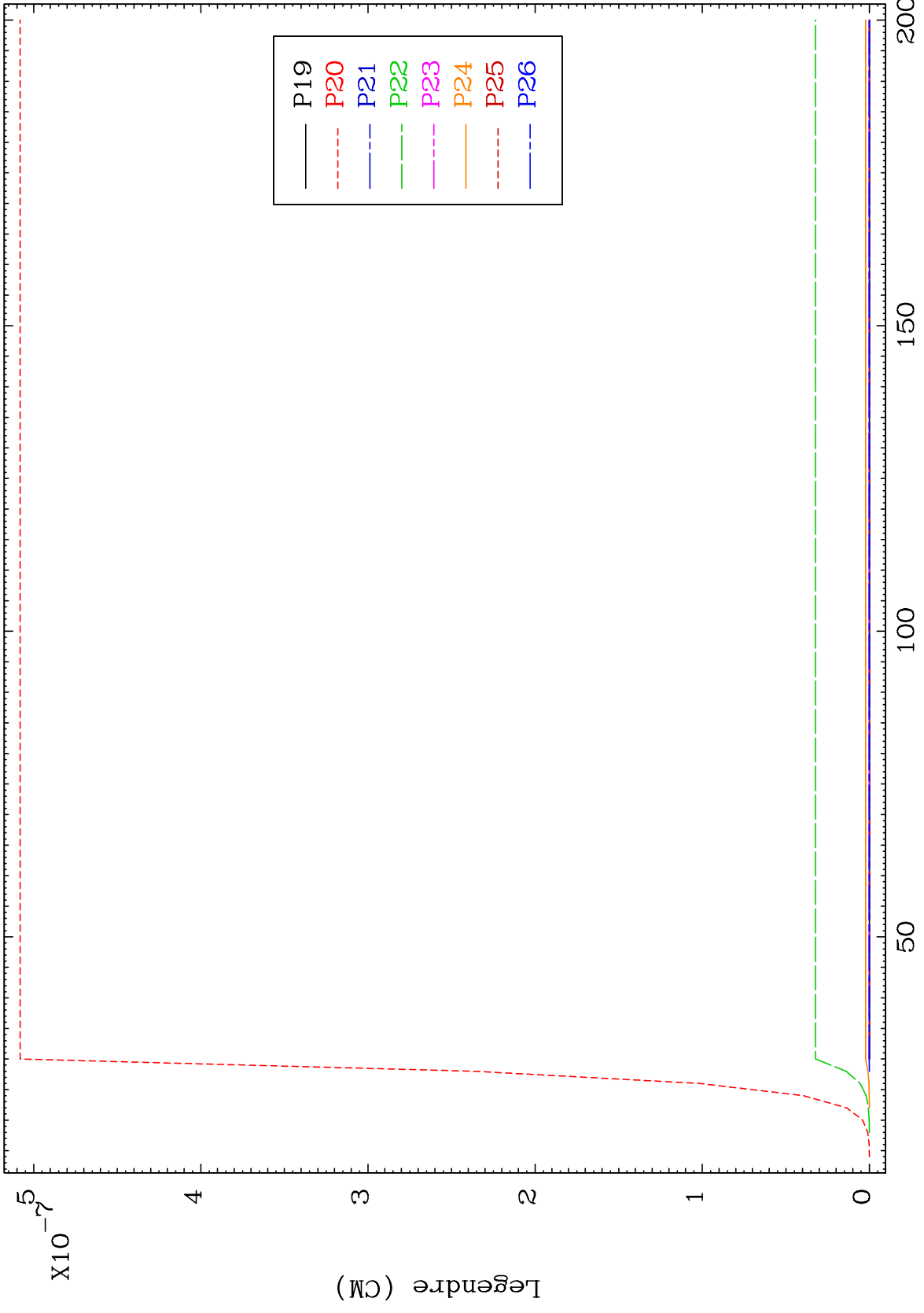


44

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 58 (n,n') Level Legendre Coefficients 42-Mo-97

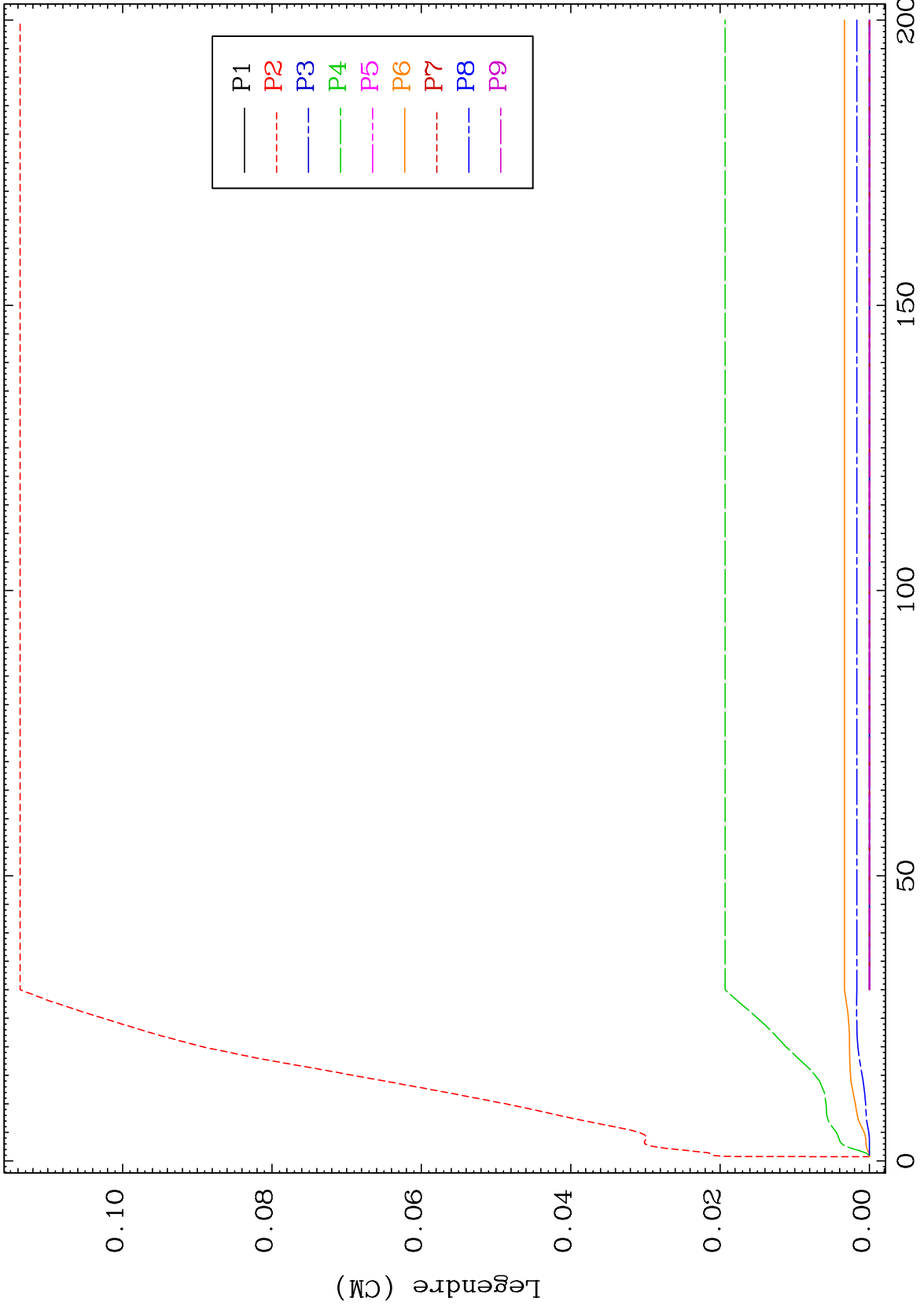


42-Mo-97

MAT 4240

MT= 59 (n,n') Level
Legendre Coefficients

42-Mo-97



46

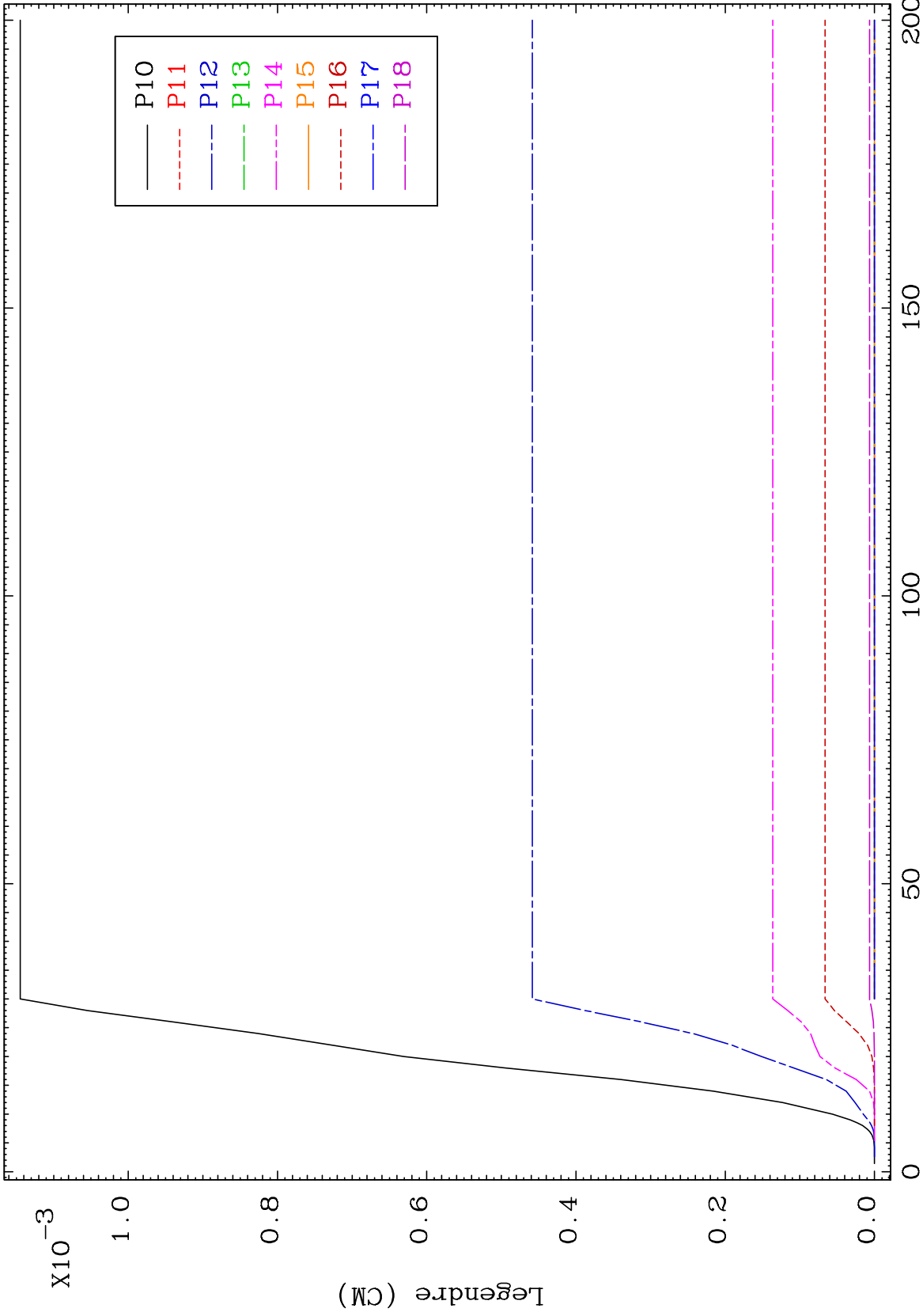
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 59 (n,n') Level
Legendre Coefficients

42-Mo-97

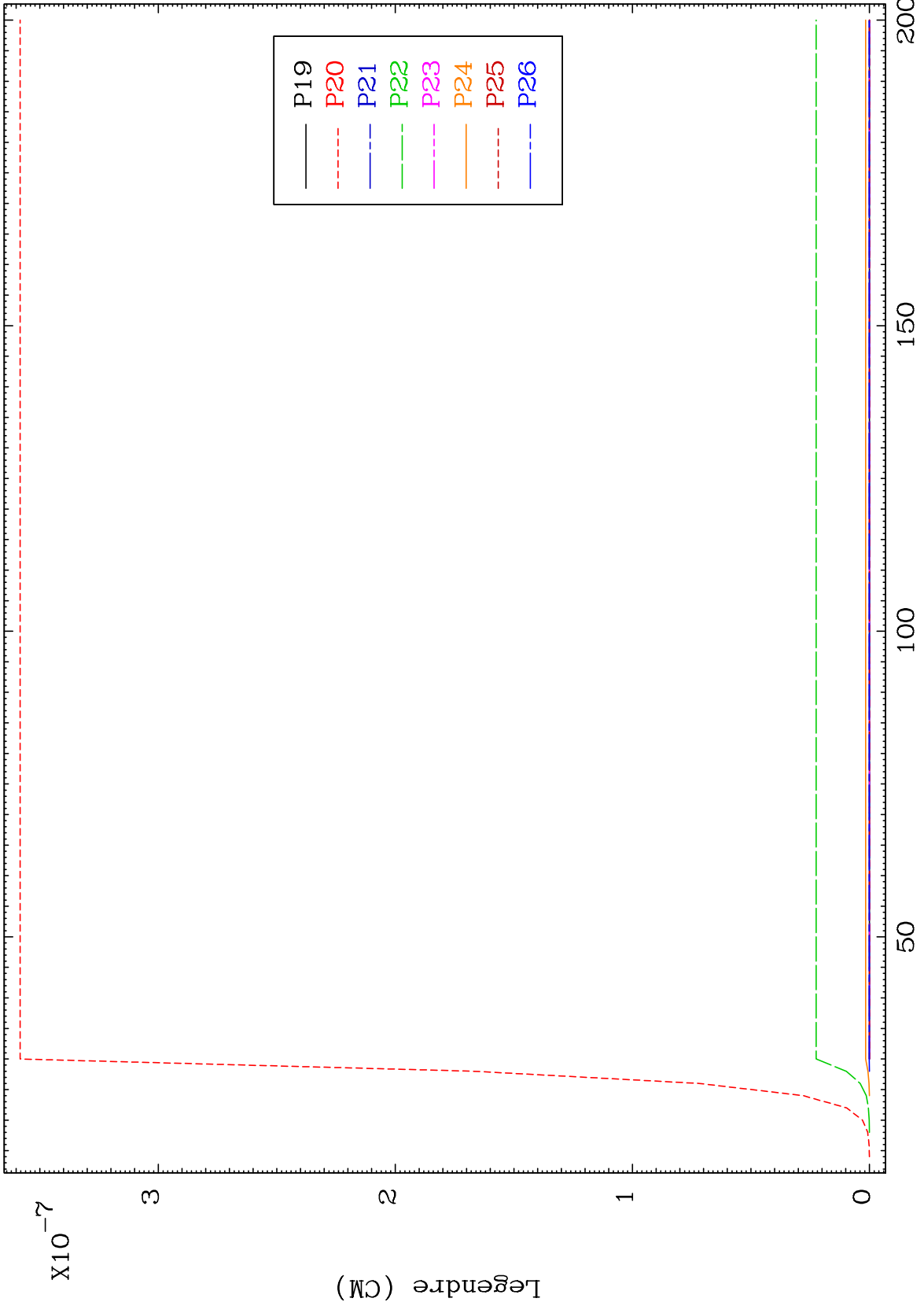


47

Incident Energy (MeV)

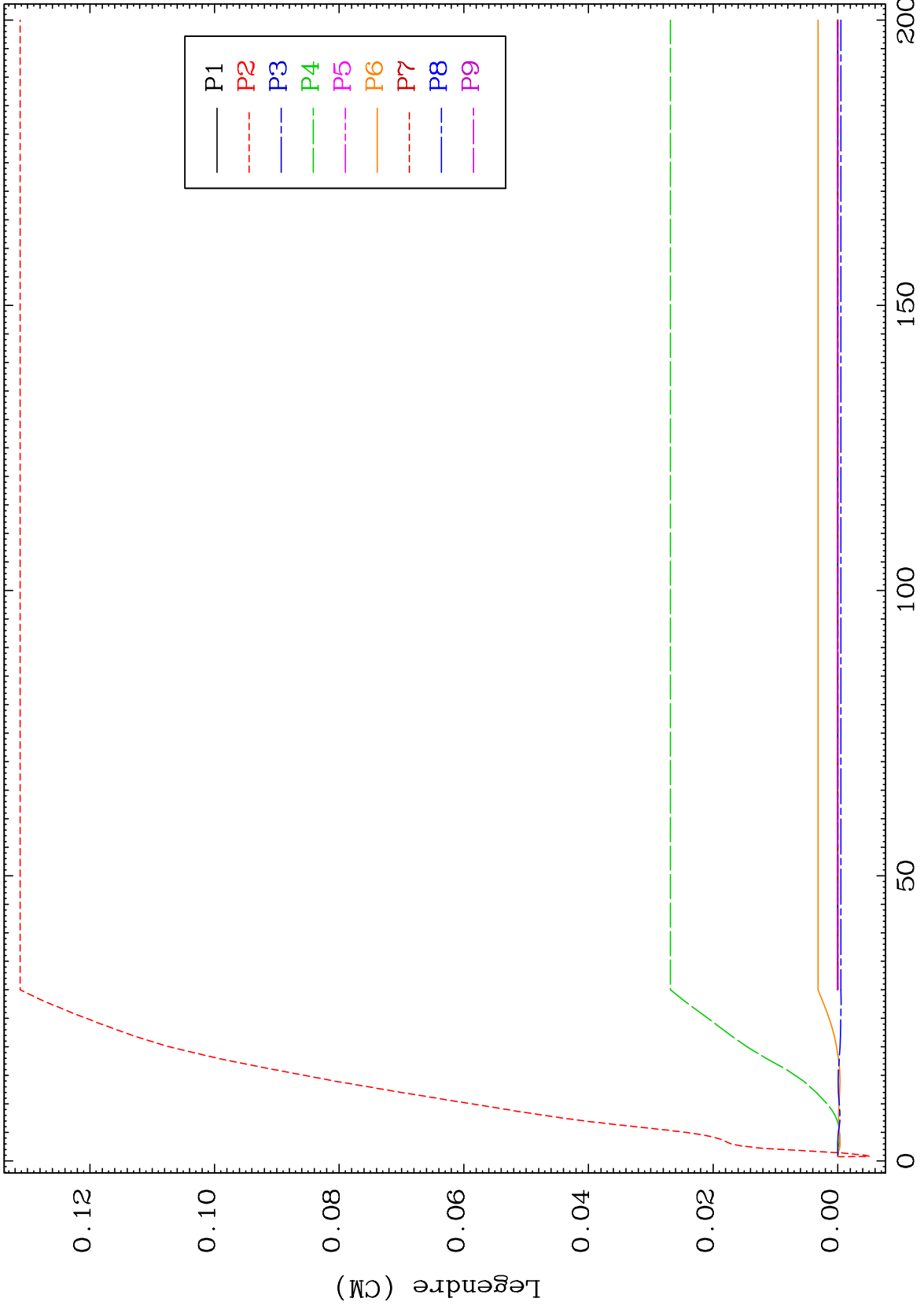
42-Mo-97

MAT 4240 MT= 59 (n,n') Level Legendre Coefficients 42-Mo-97



48 50 100 150 200 Incident Energy (MeV) 42-Mo-97

MAT 4240 MT= 60 (n,n') Level Legendre Coefficients 42-Mo-97

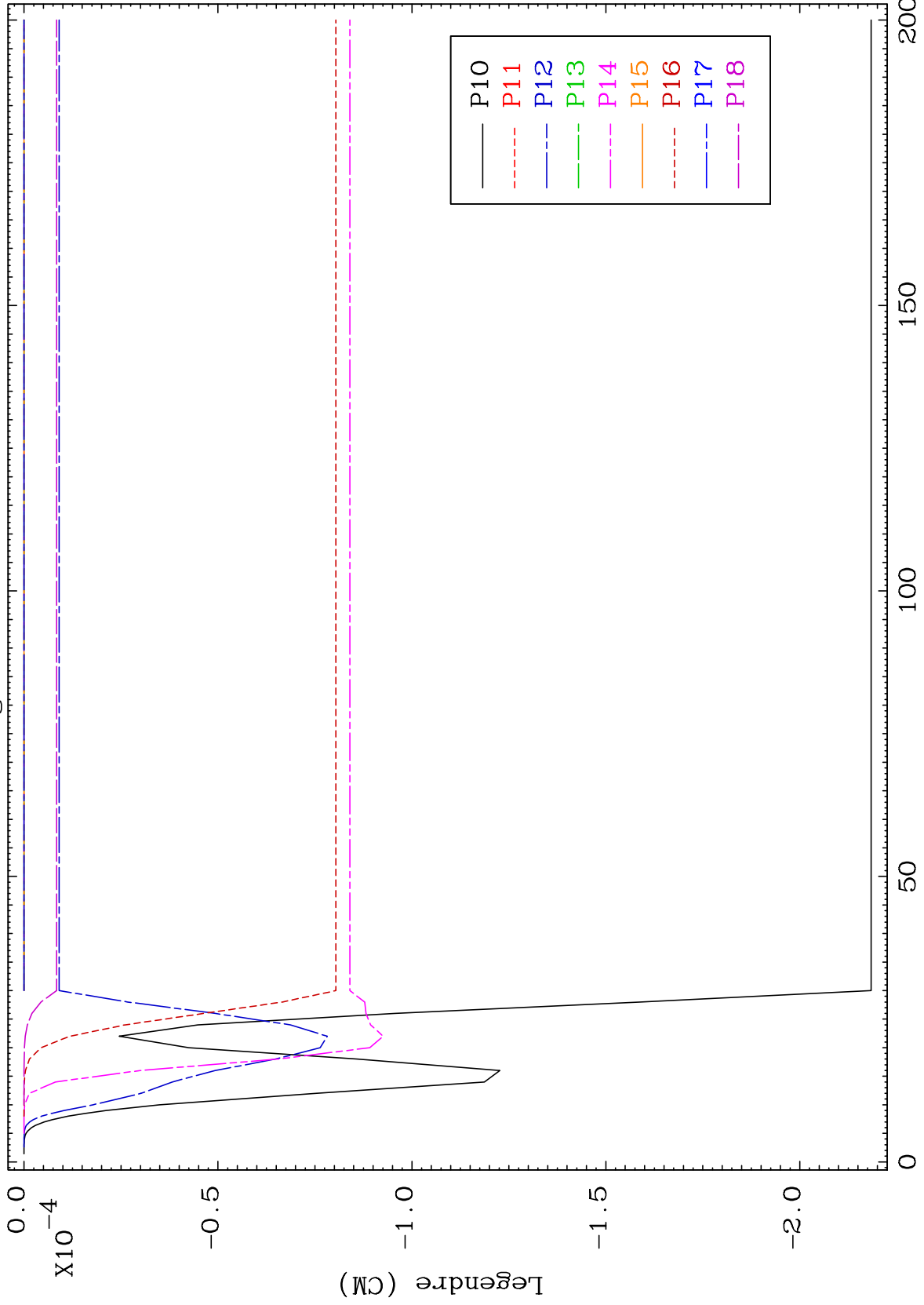


49 Incident Energy (MeV) 42-Mo-97

MAT 4240

MT= 60 (n,n') Level
Legendre Coefficients

42-Mo-97



42-Mo-97

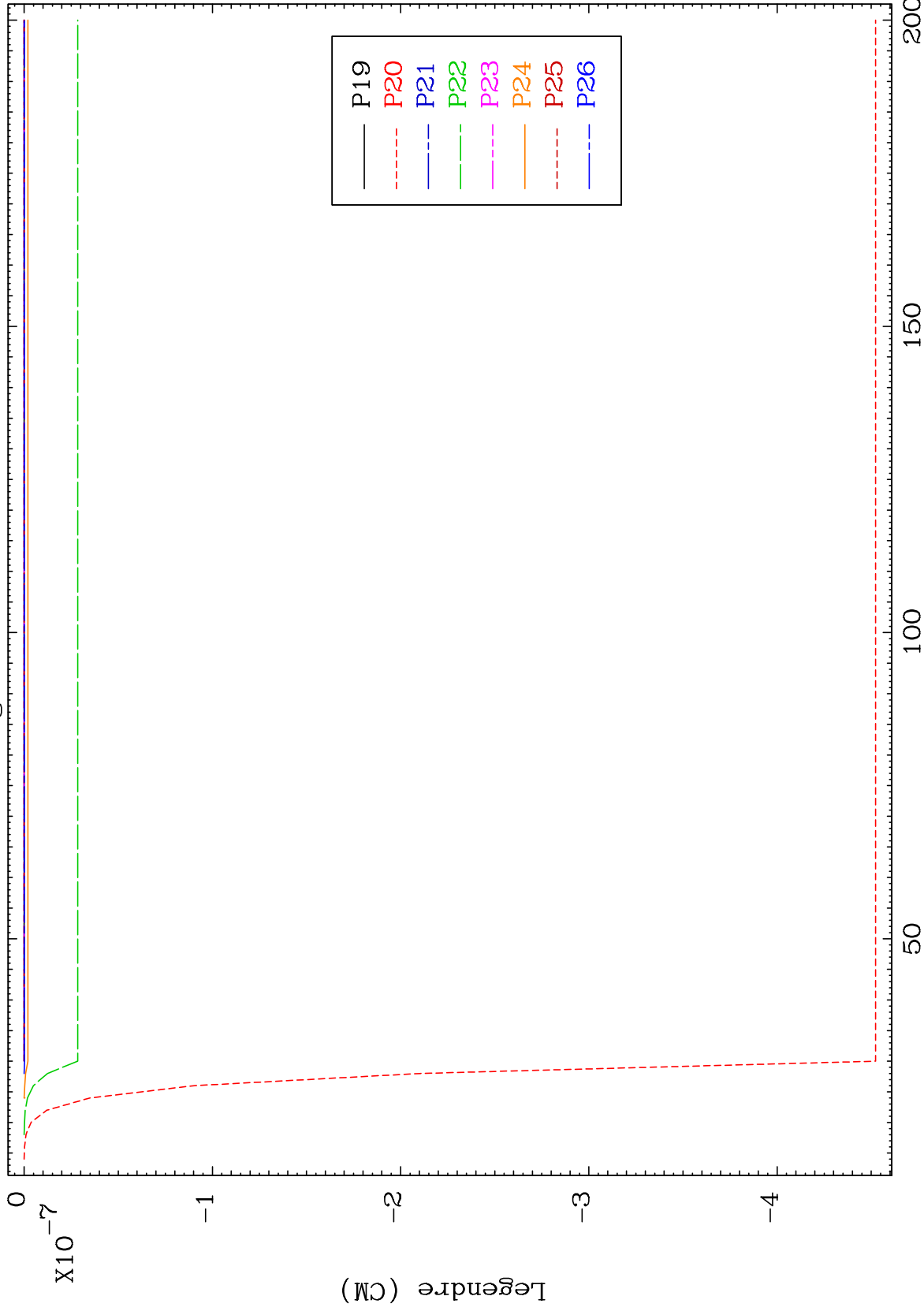
Incident Energy (MeV)

50

MAT 4240

MT= 60 (n,n') Level
Legendre Coefficients

42-Mo-97



42-Mo-97

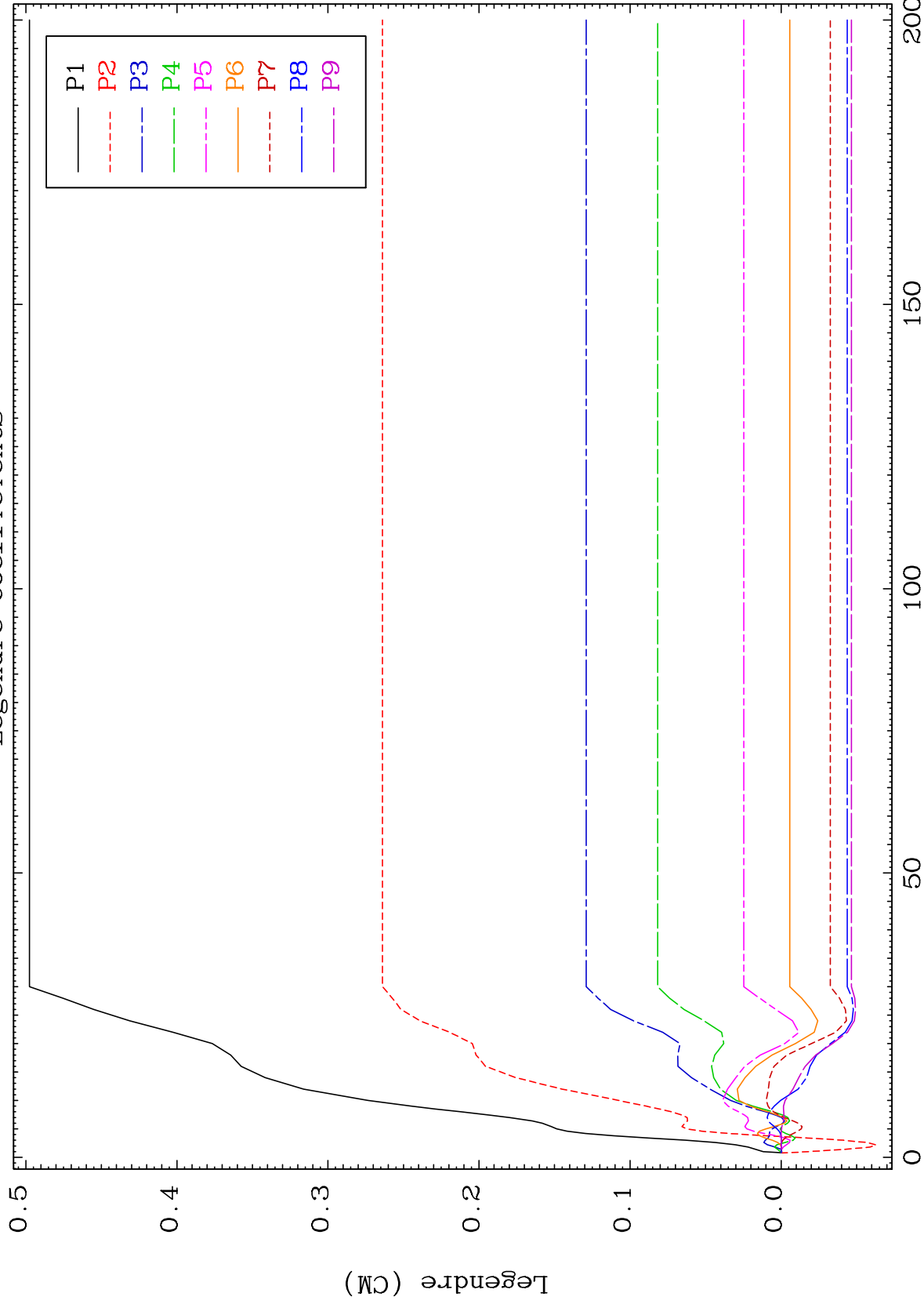
Incident Energy (MeV)

51

MAT 4240

MT= 61 (n,n') Level
Legendre Coefficients

42-Mo-97



52

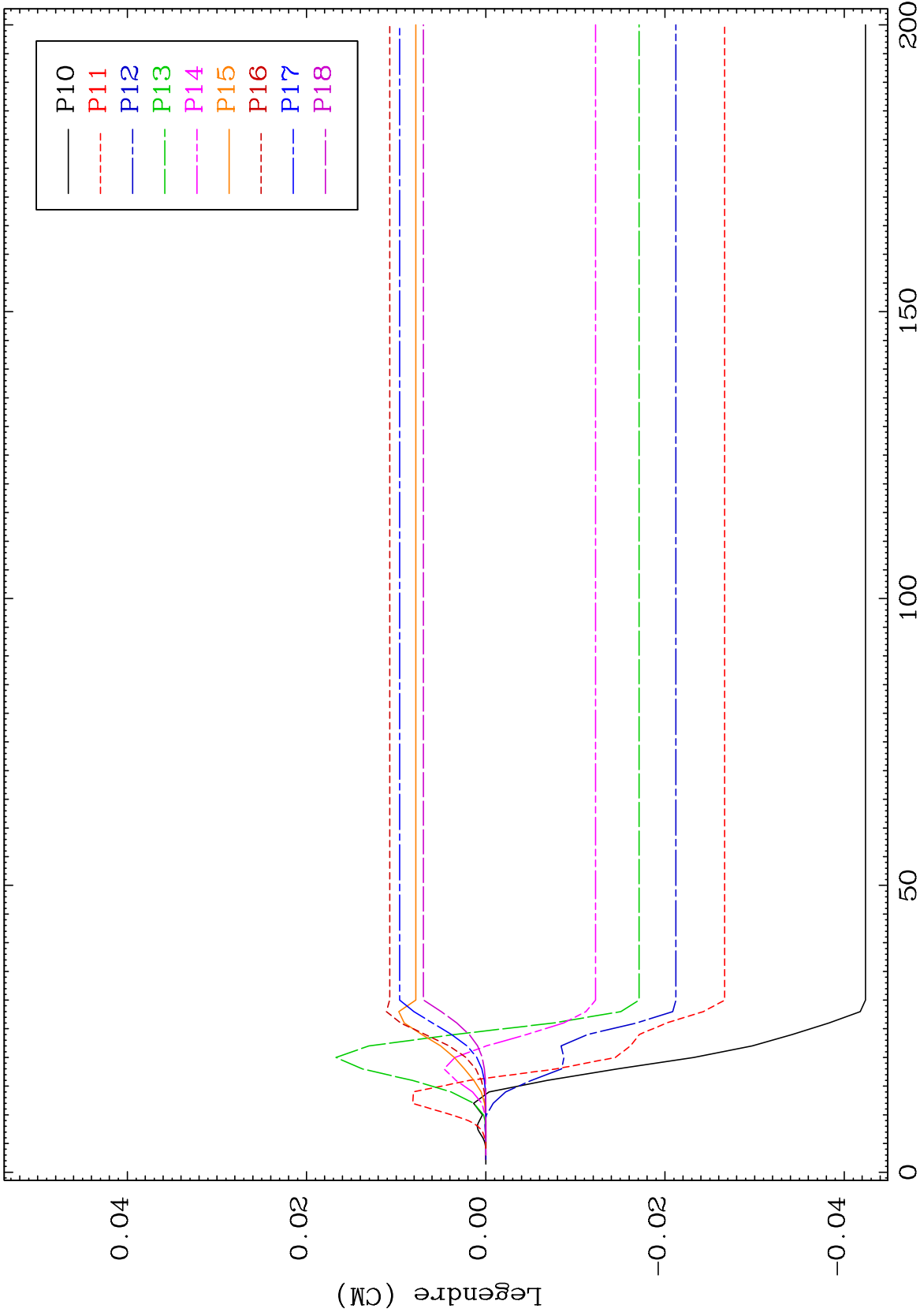
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 61 (n,n') Level
Legendre Coefficients

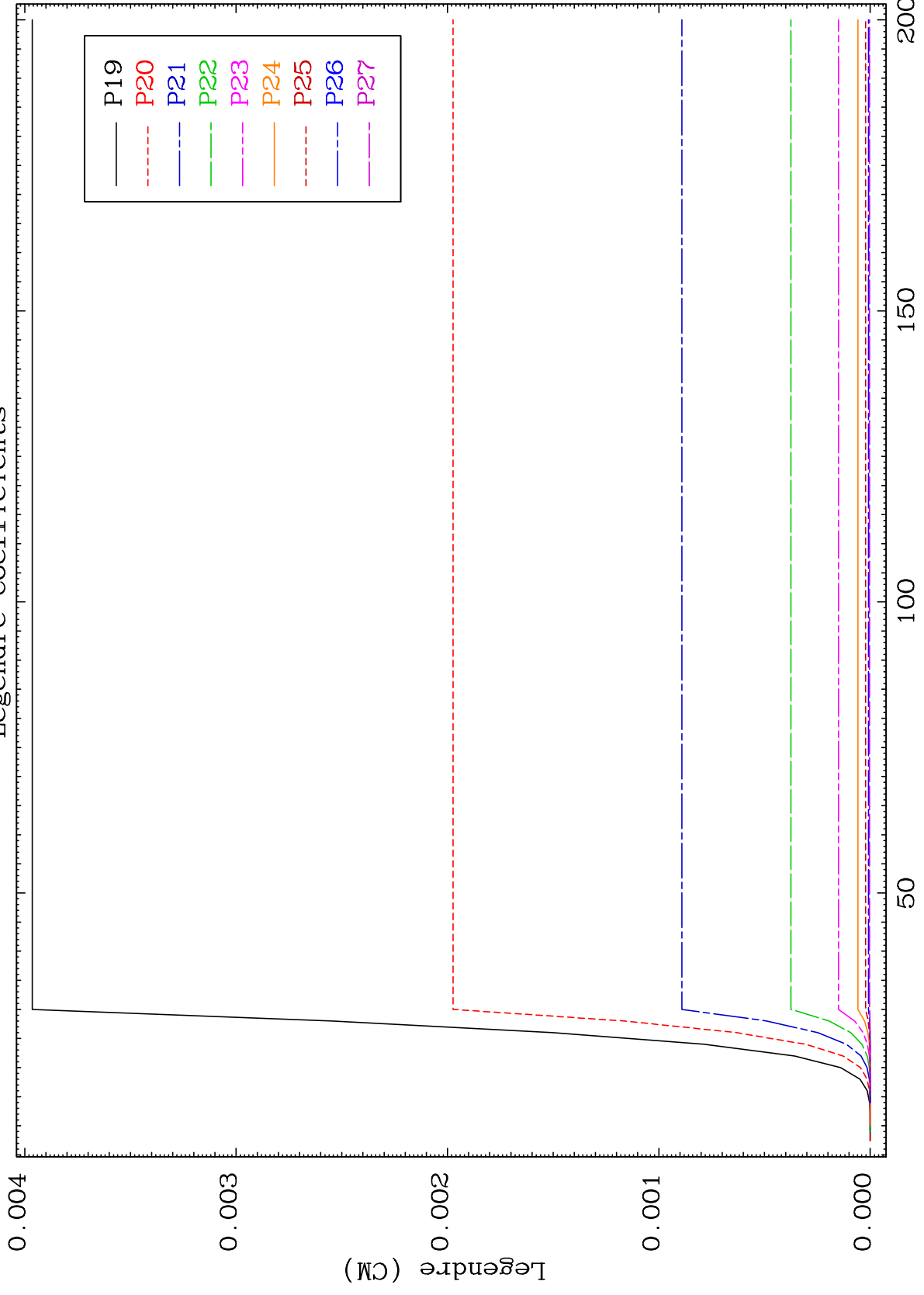
42-Mo-97

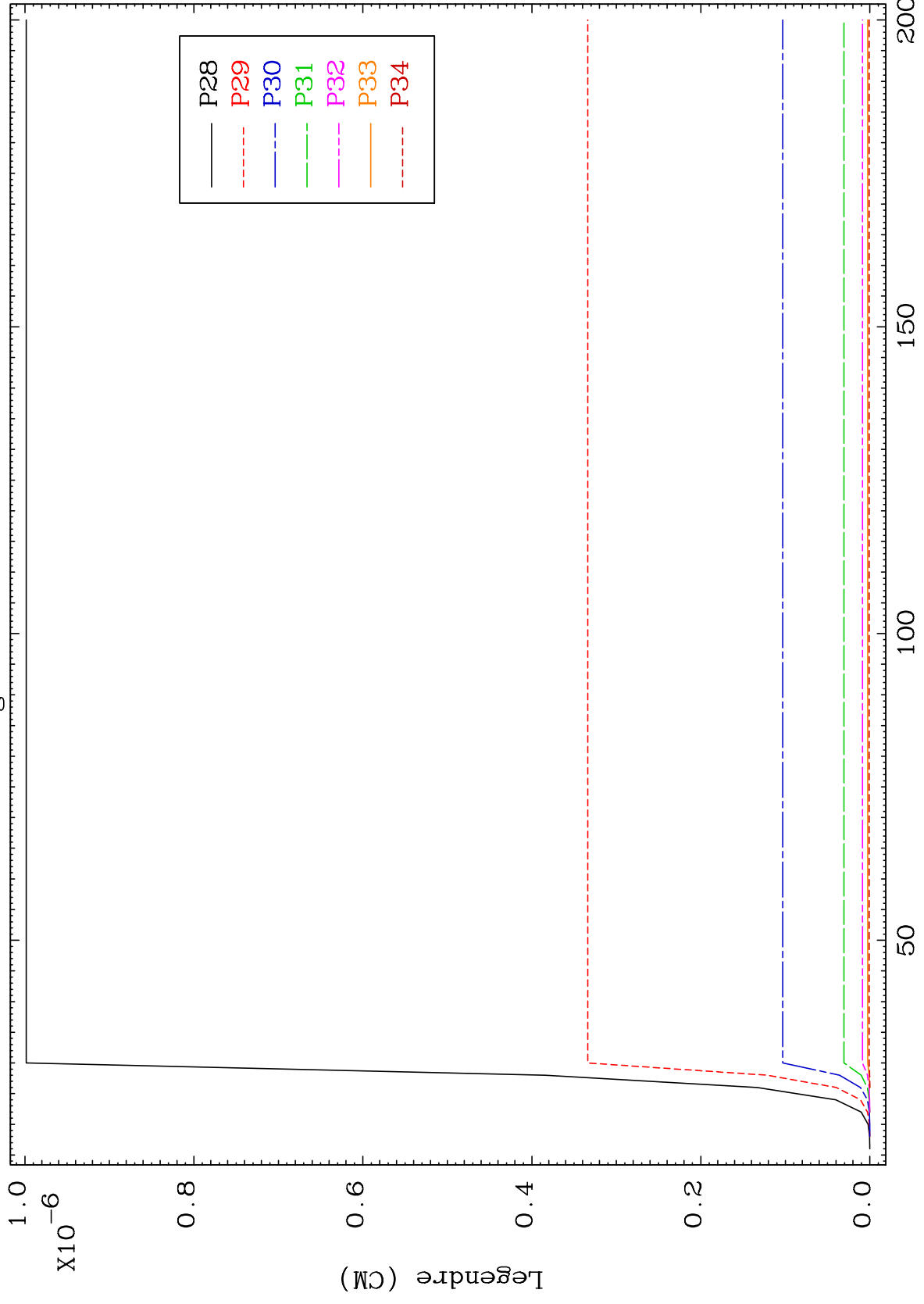


53

Incident Energy (MeV)

42-Mo-97

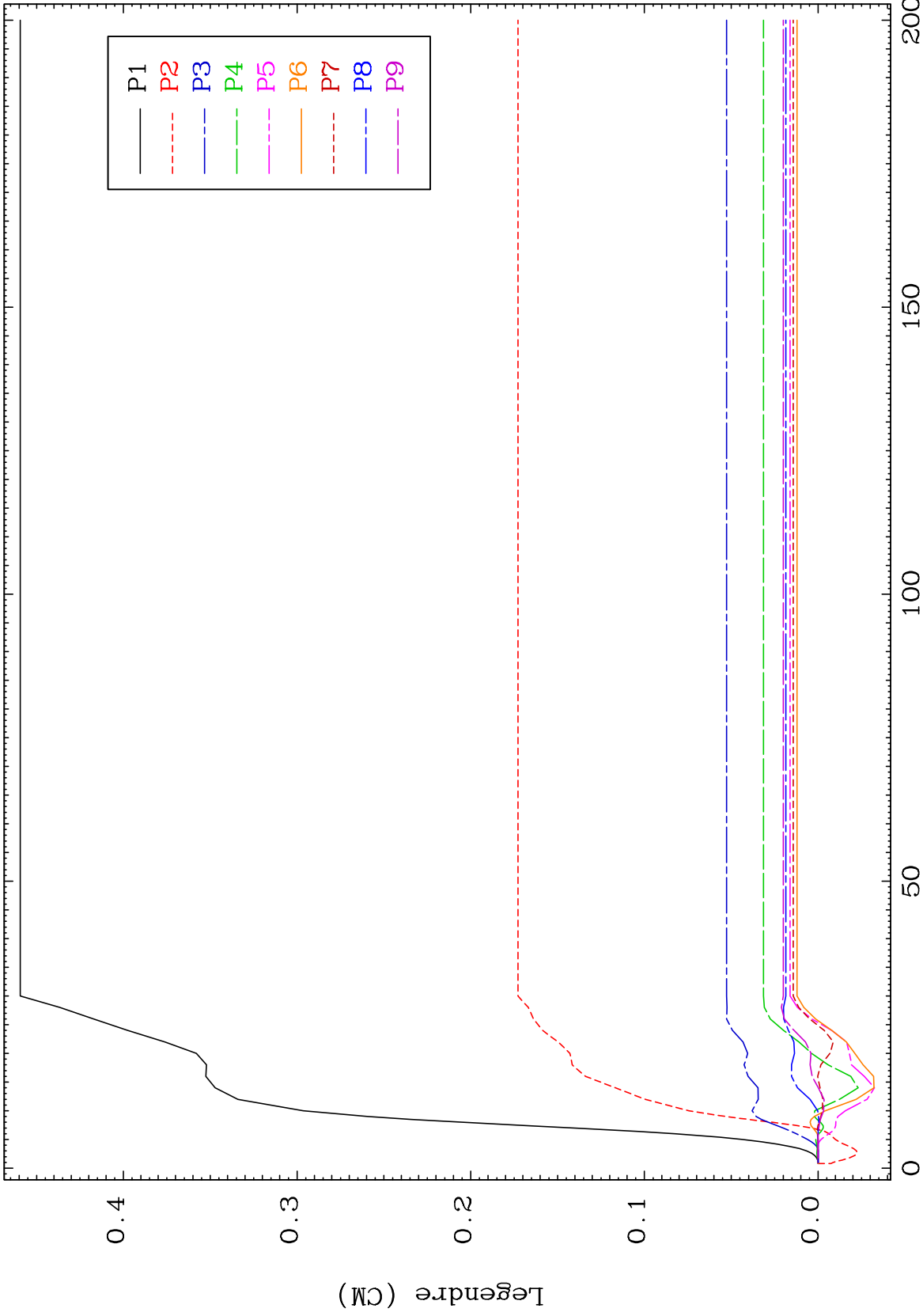




MAT 4240

MT= 62 (n,n') Level
Legendre Coefficients

42-Mo-97



56

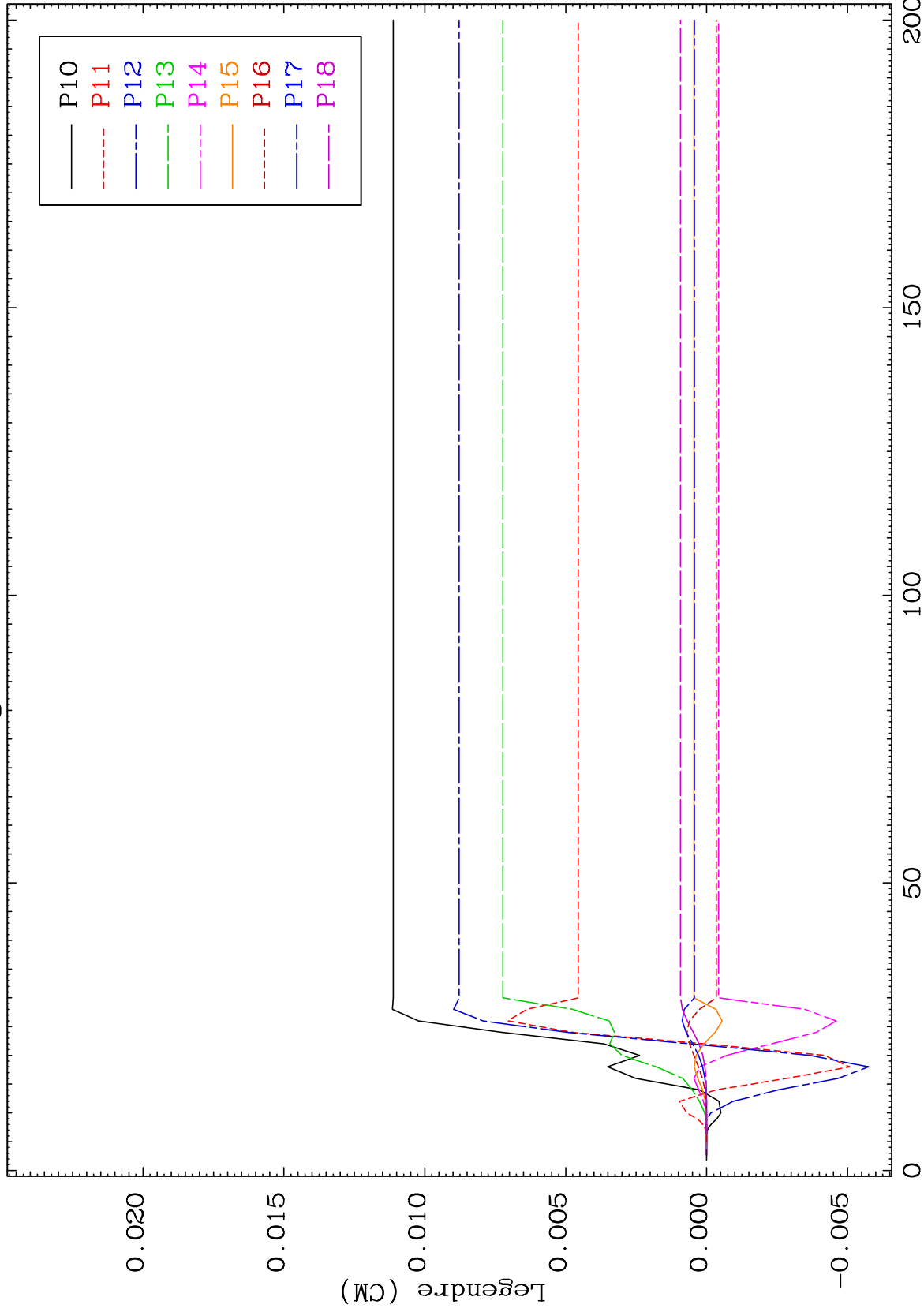
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 62 (n,n') Level
Legendre Coefficients

42-Mo-97



57

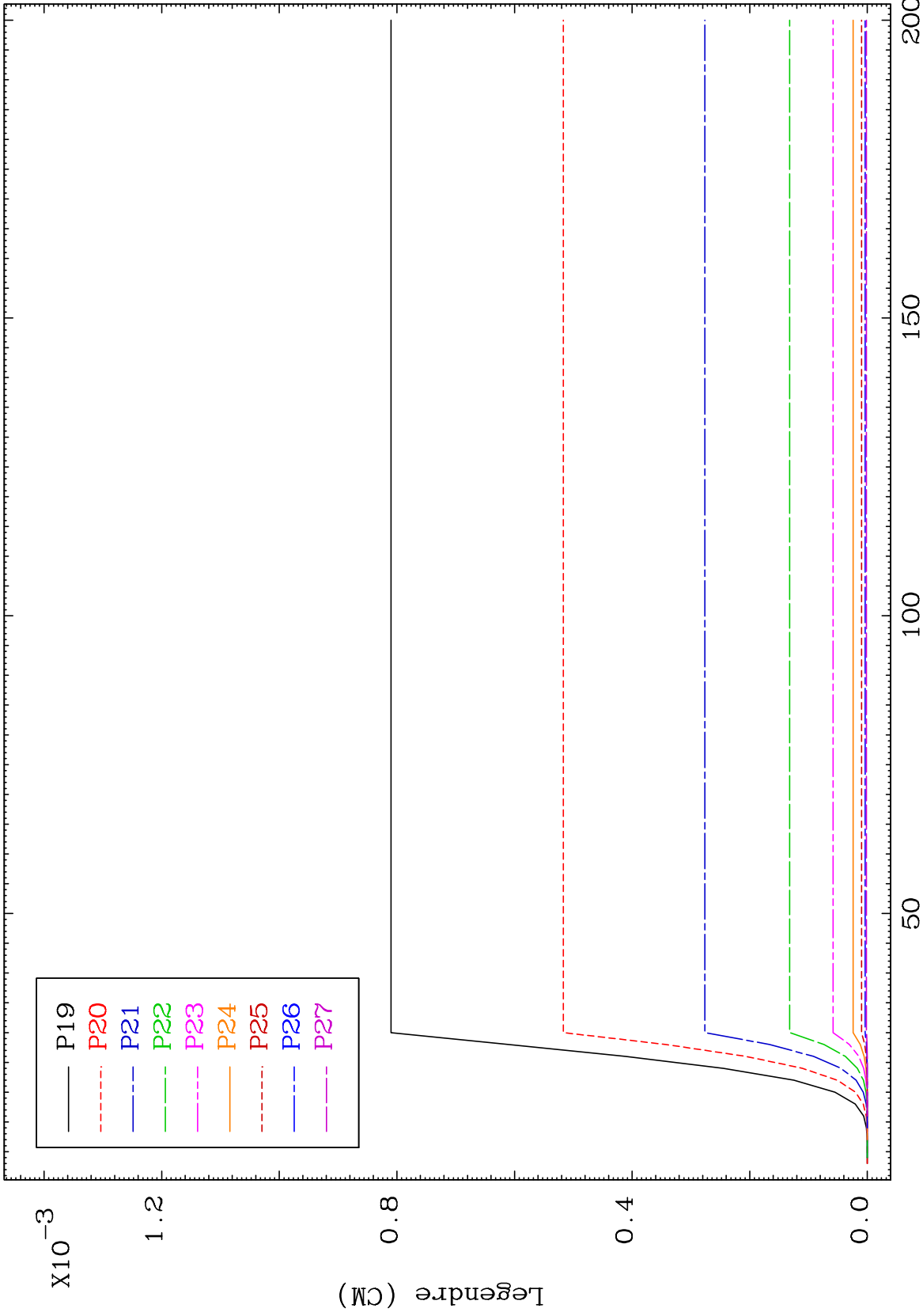
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 62 (n,n') Level
Legendre Coefficients

42-Mo-97



58

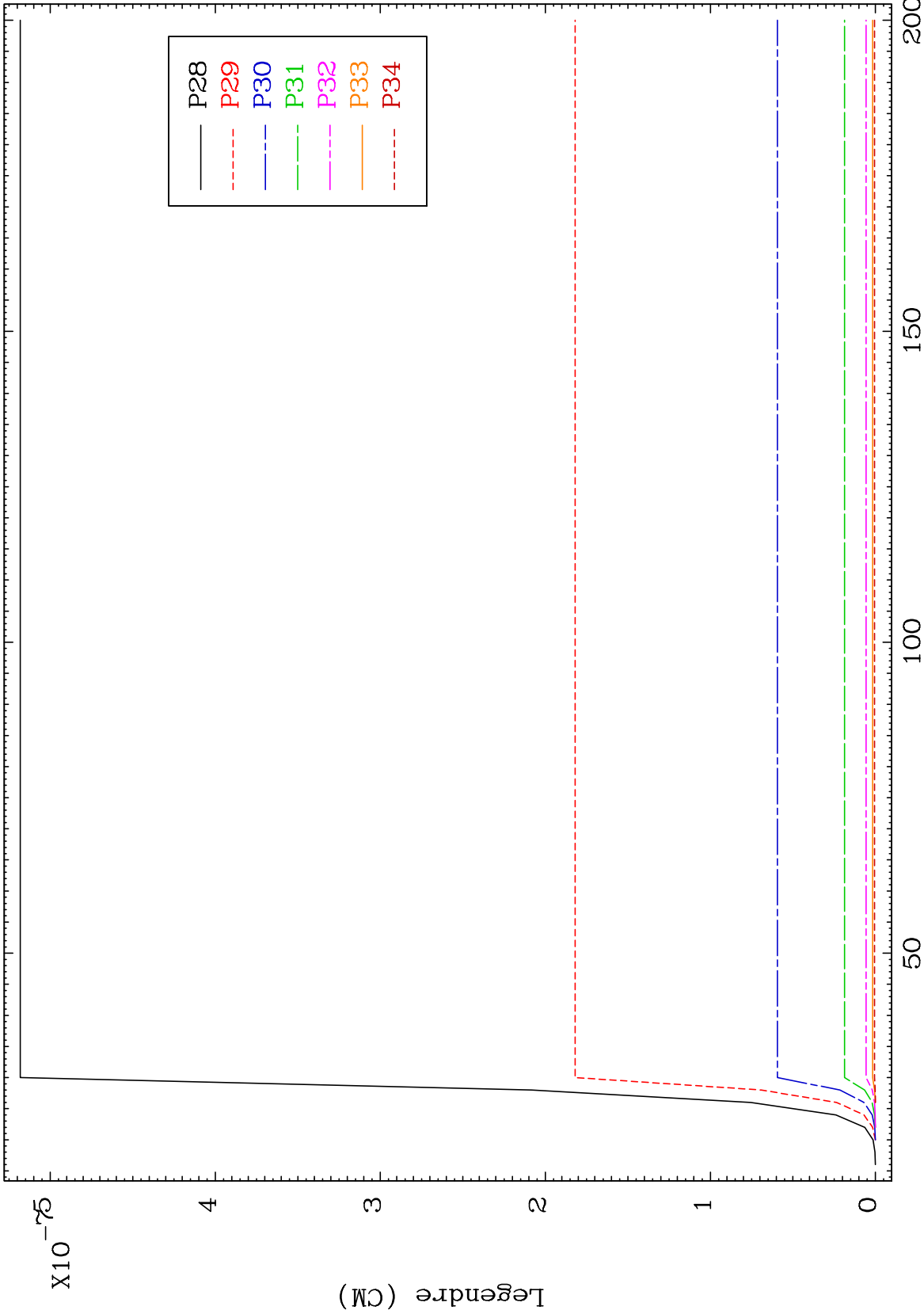
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 62 (n,n') Level
Legendre Coefficients

42-Mo-97



59

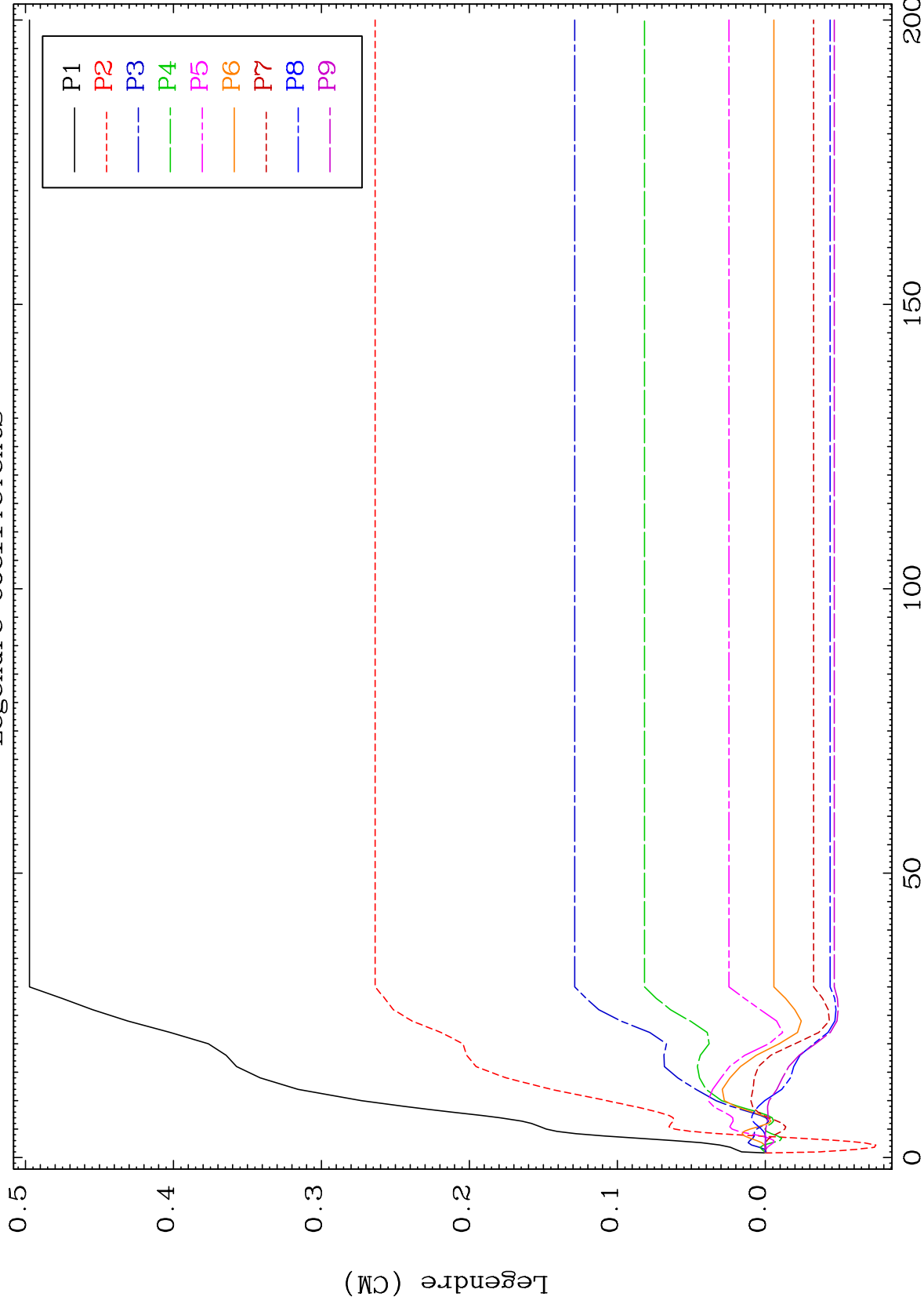
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 63 (n,n') Level
Legendre Coefficients

42-Mo-97



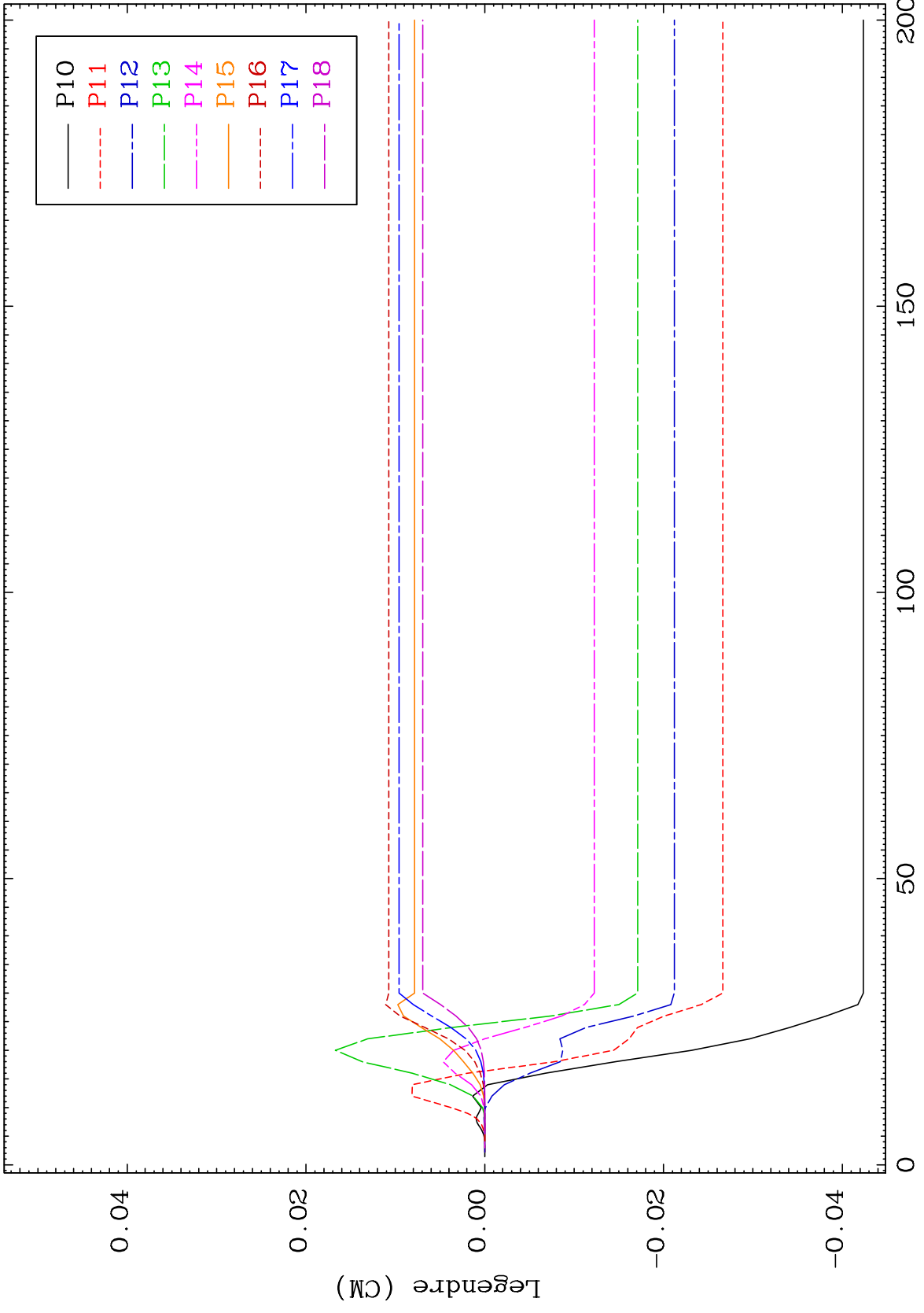
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 63 (n,n') Level
Legendre Coefficients

42-Mo-97



61

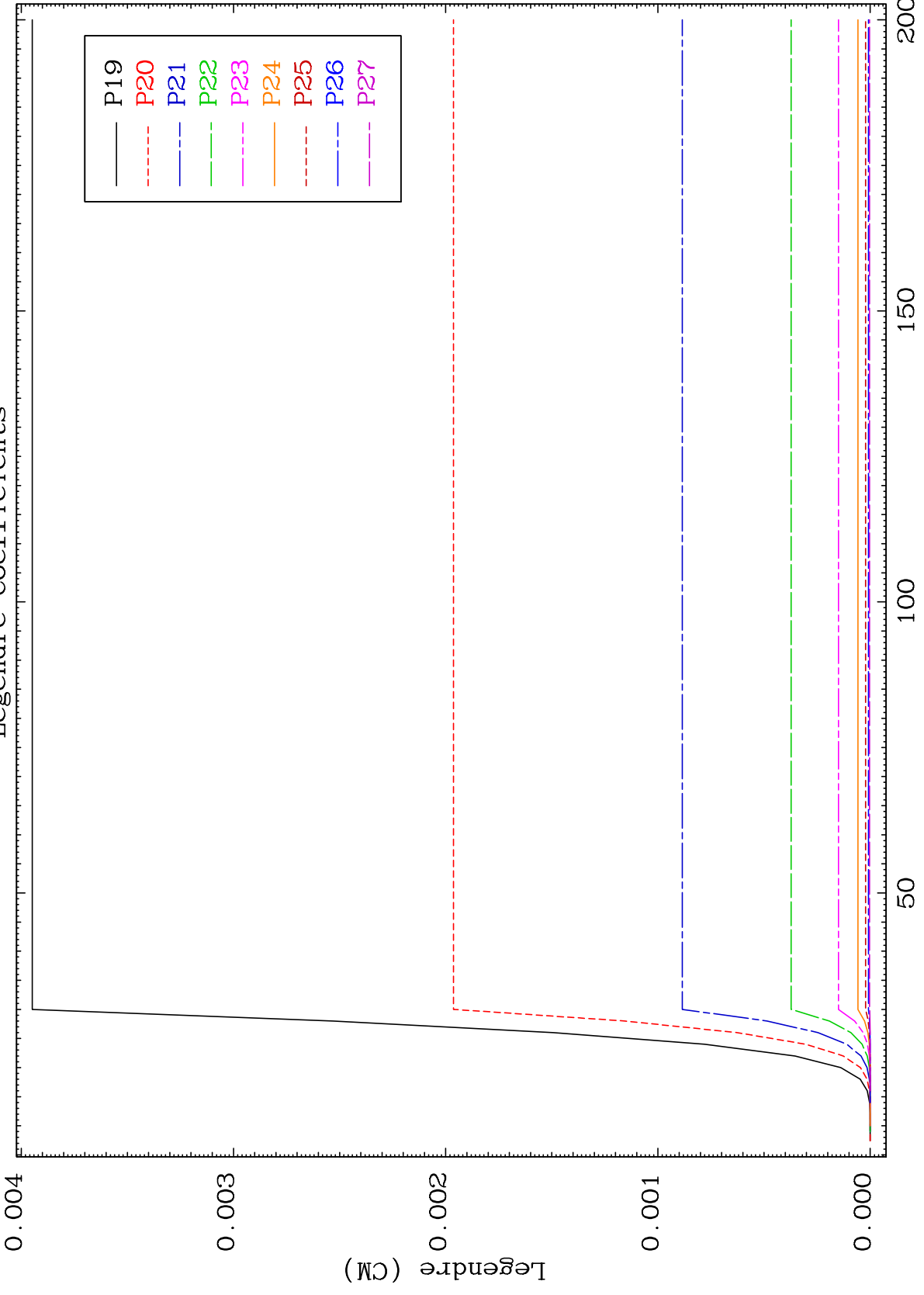
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 63 (n,n') Level
Legendre Coefficients

42-Mo-97



42-Mo-97

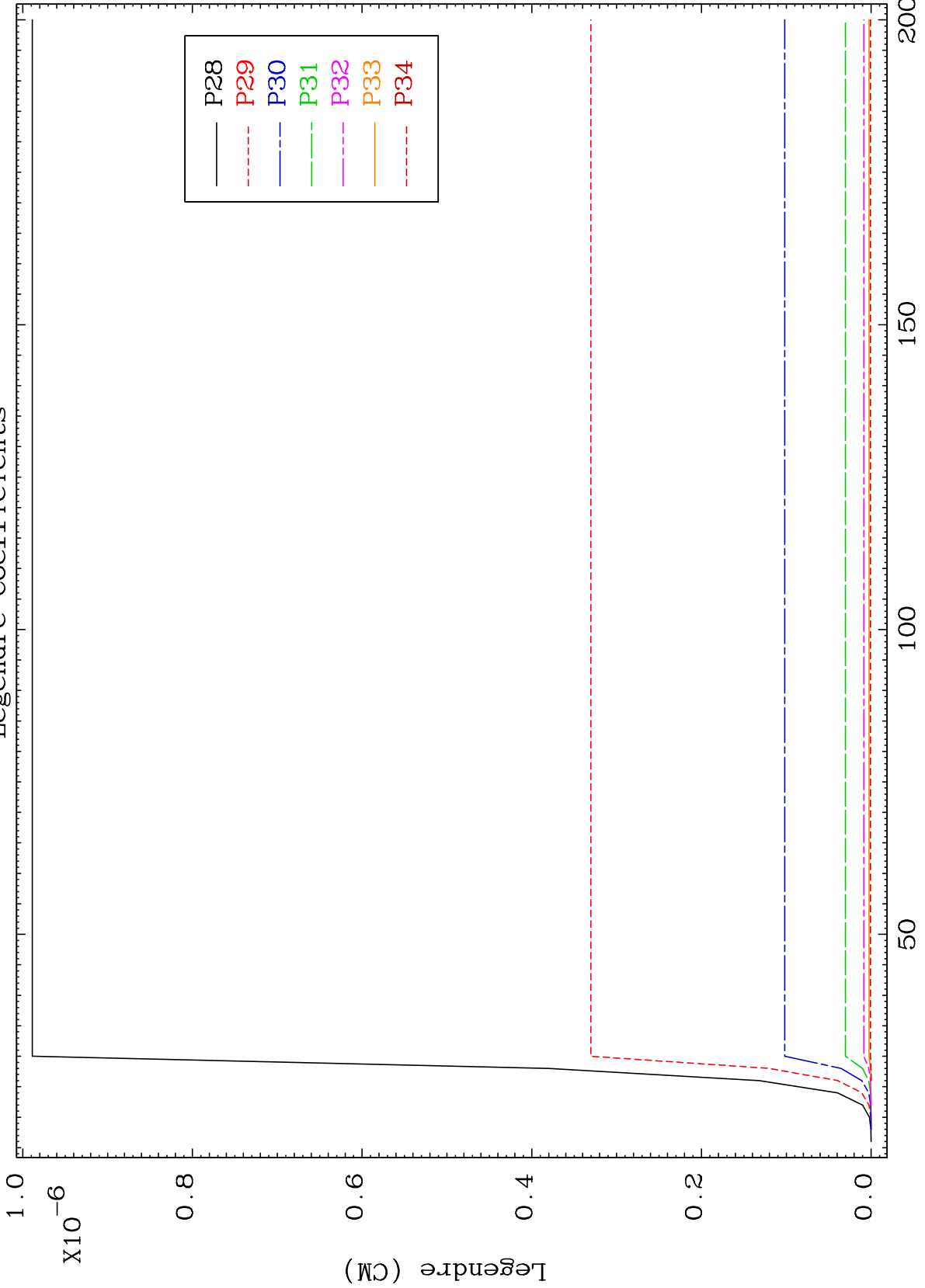
Incident Energy (MeV)

62

MAT 4240

MT= 63 (n,n') Level
Legendre Coefficients

42-Mo-97



63

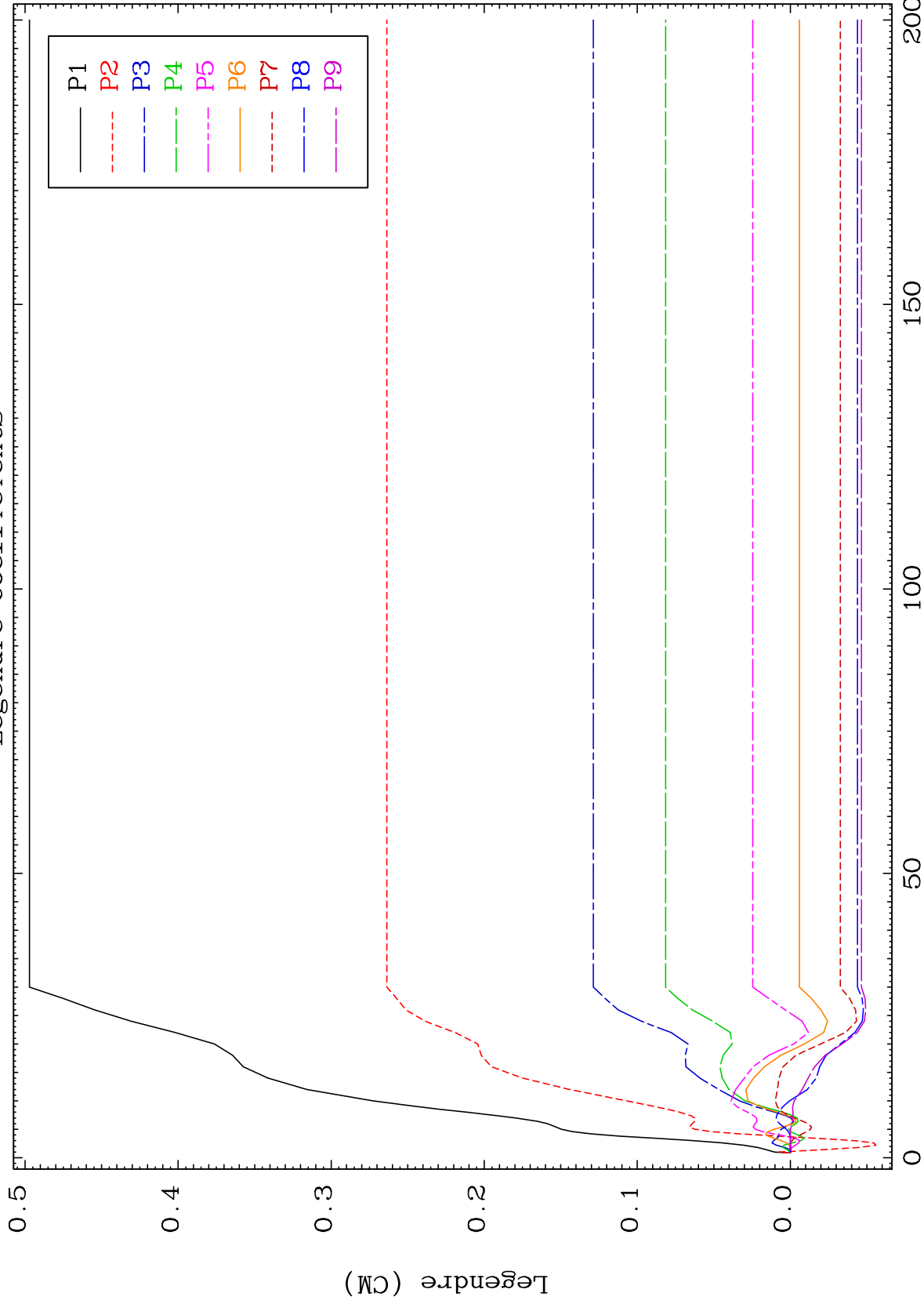
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 64 (n,n') Level
Legendre Coefficients

42-Mo-97



64

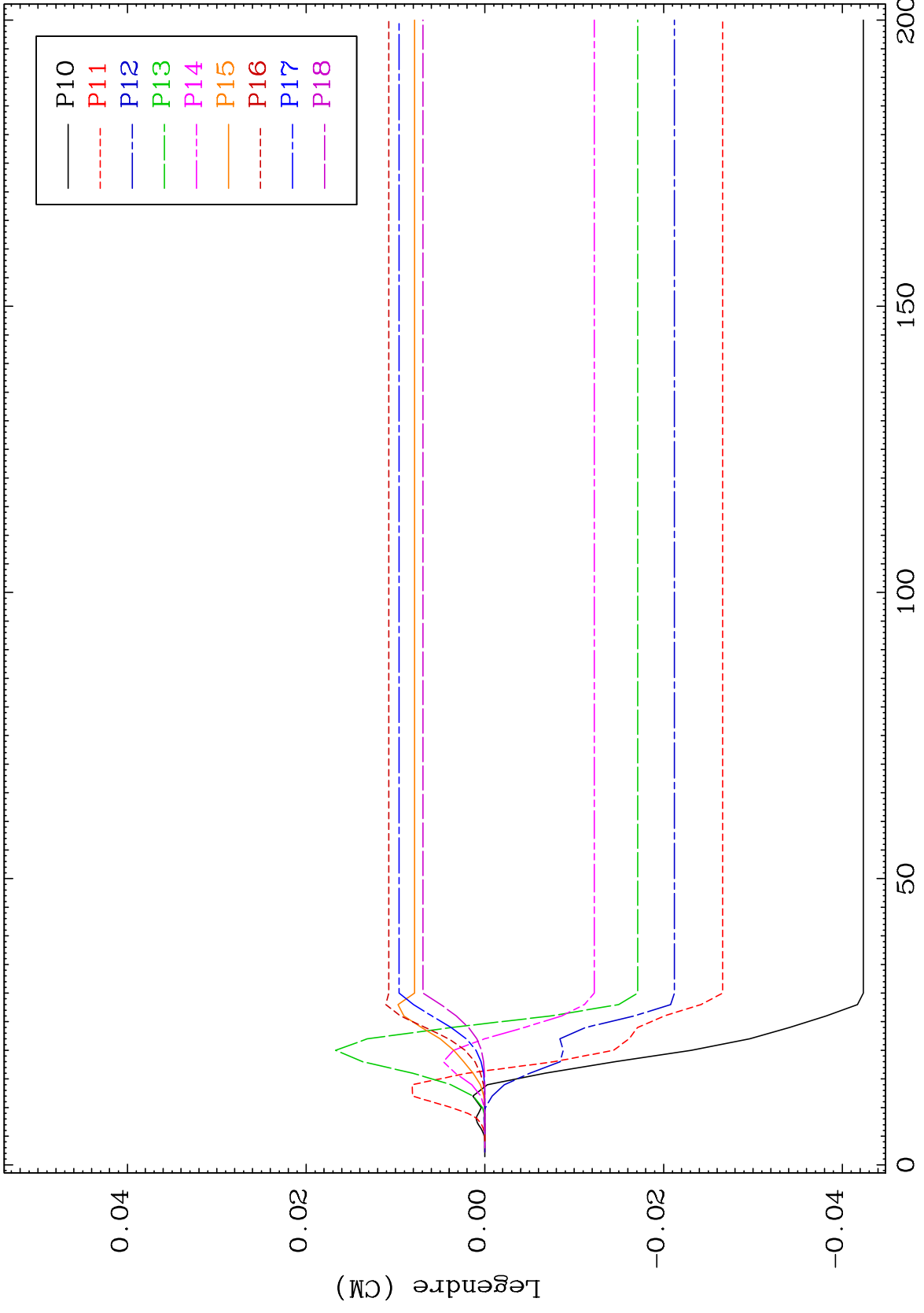
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 64 (n,n') Level
Legendre Coefficients

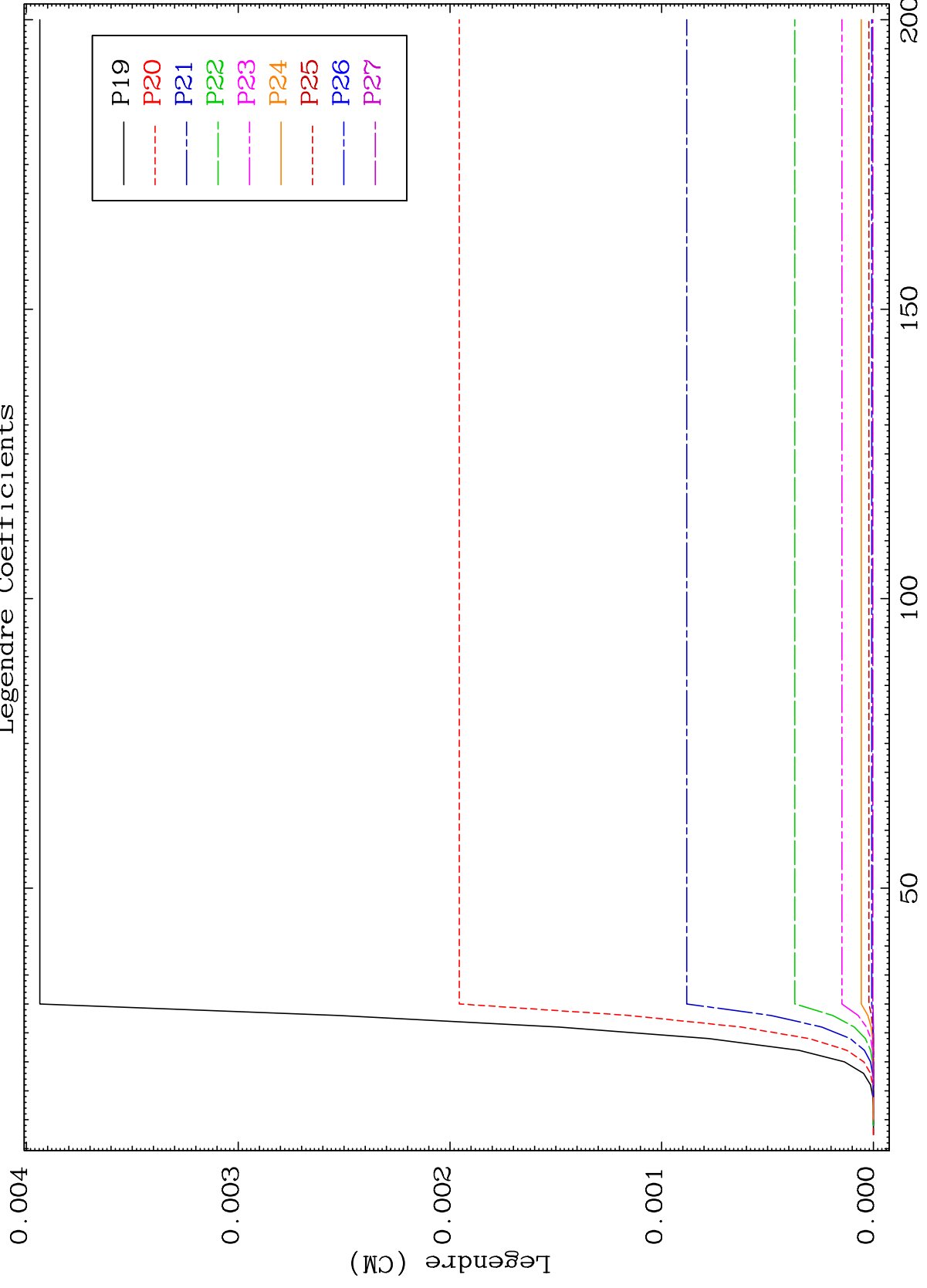
42-Mo-97



65

Incident Energy (MeV)

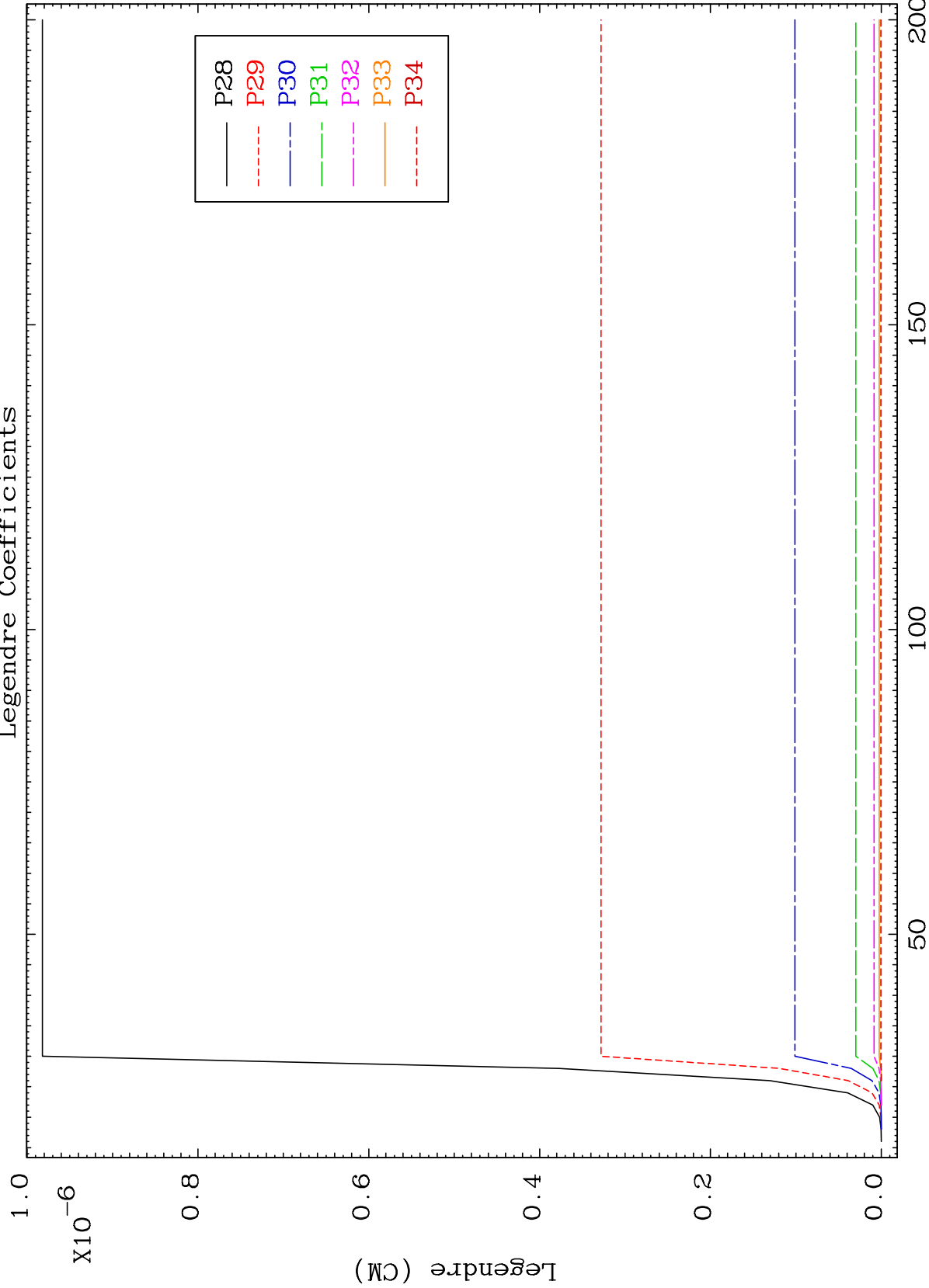
42-Mo-97



MAT 4240

MT= 64 (n,n') Level
Legendre Coefficients

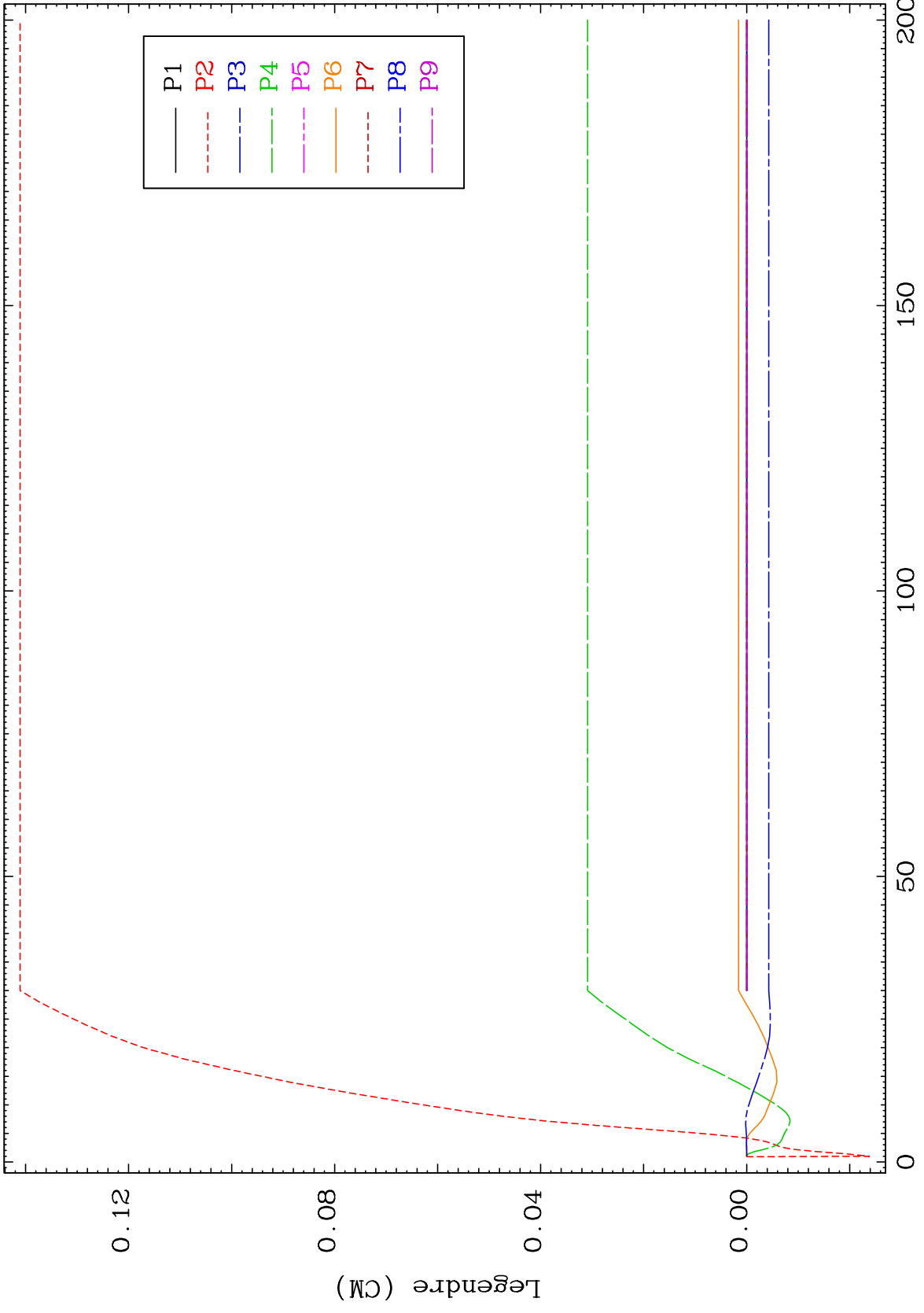
42-Mo-97



67

42-Mo-97

MAT 4240 MT= 65 (n,n') Level Legendre Coefficients 42-Mo-97

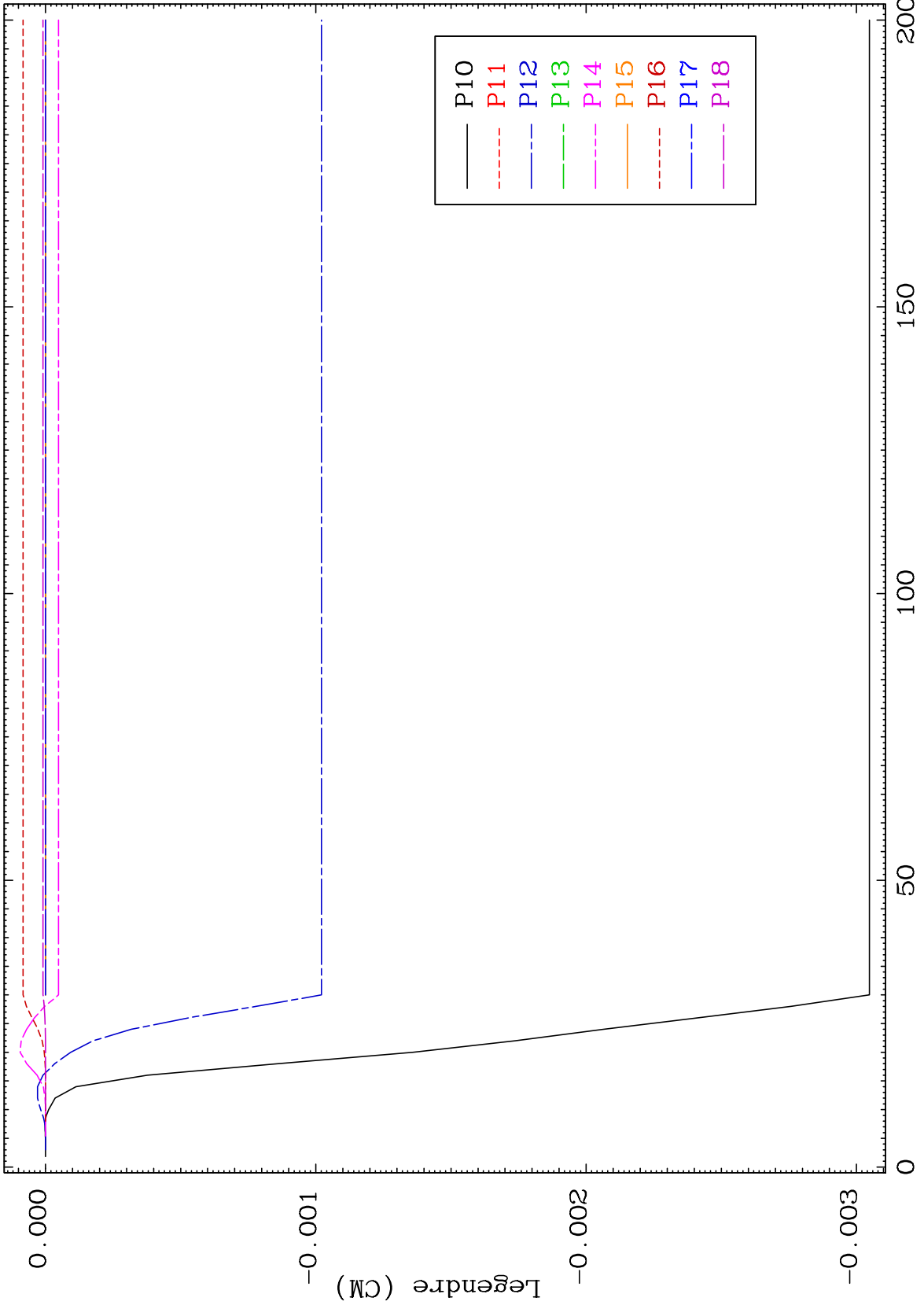


68 42-Mo-97

MAT 4240

MT= 65 (n,n') Level
Legendre Coefficients

42-Mo-97

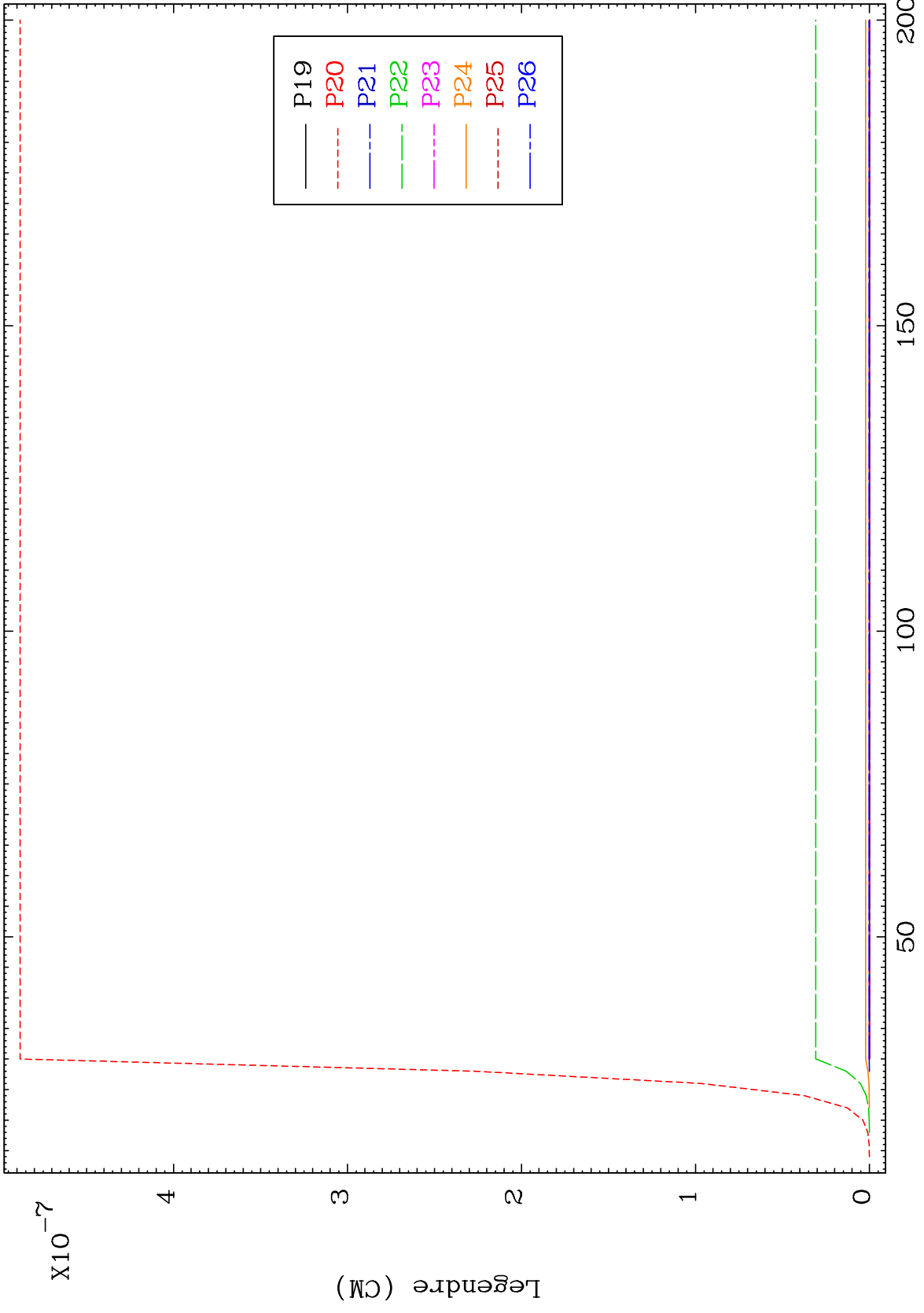


69

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 65 (n,n') Level Legendre Coefficients 42-Mo-97

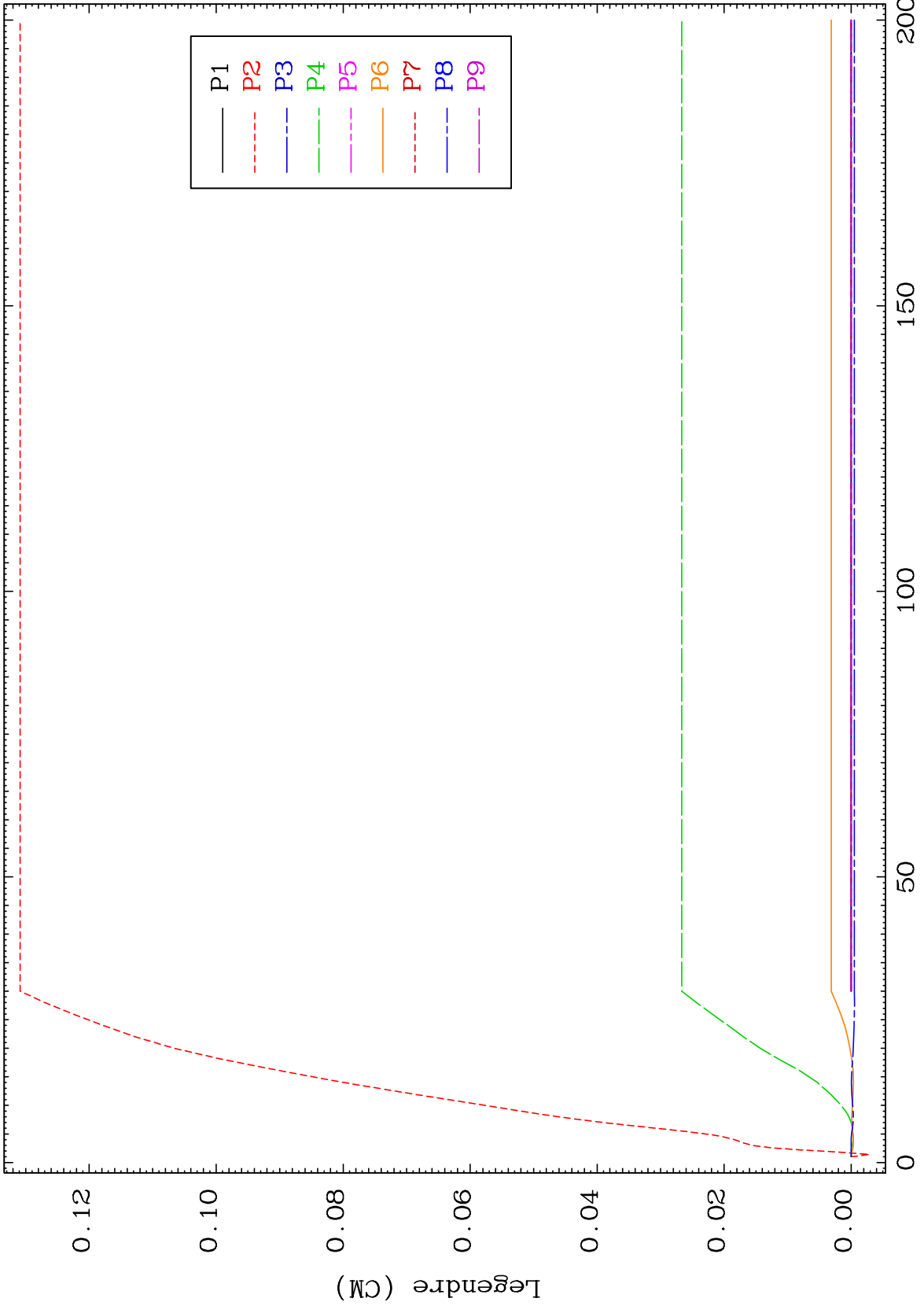


42-Mo-97

MAT 4240

MT= 66 (n,n') Level
Legendre Coefficients

42-Mo-97



71

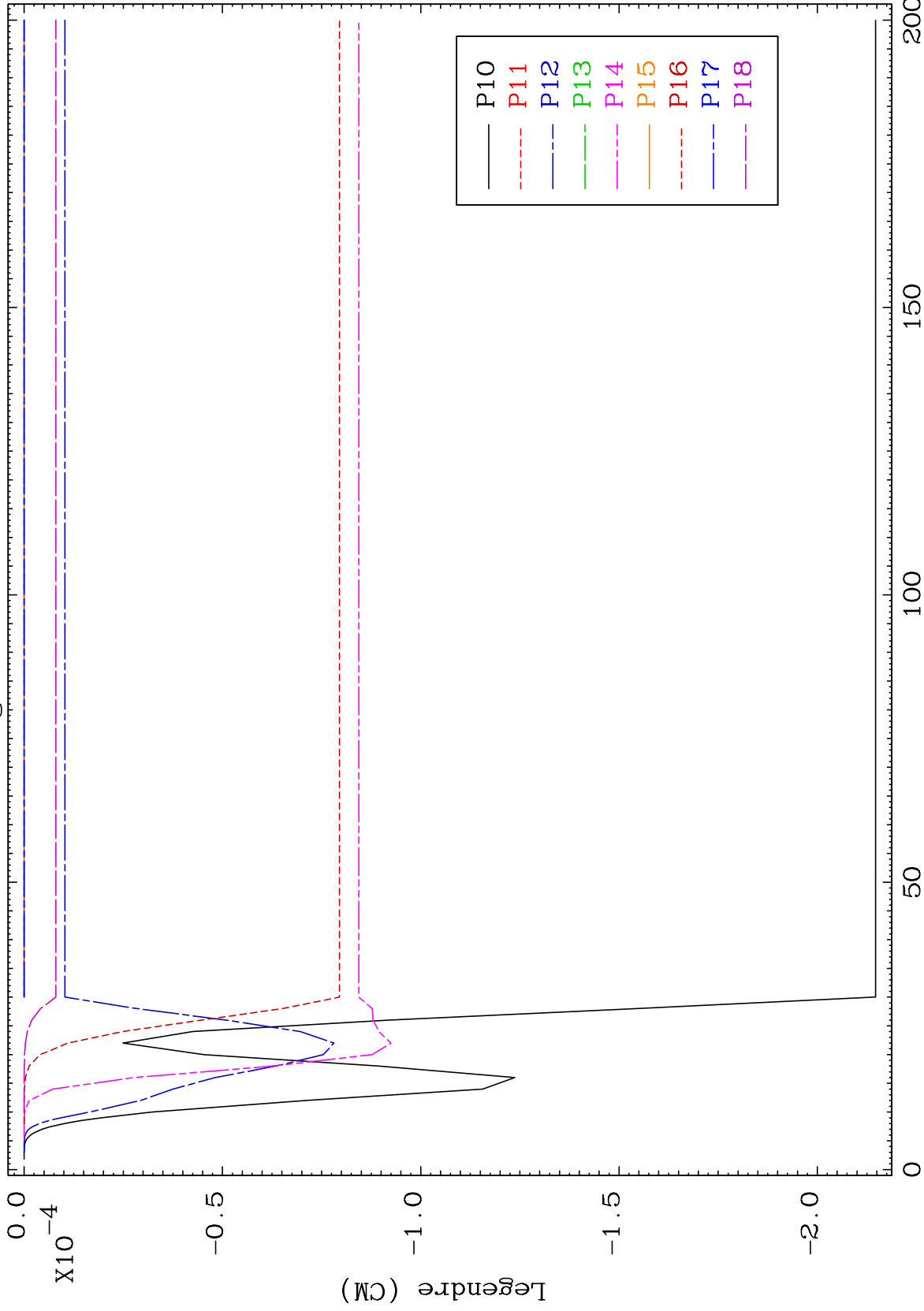
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 66 (n,n') Level
Legendre Coefficients

42-Mo-97



72

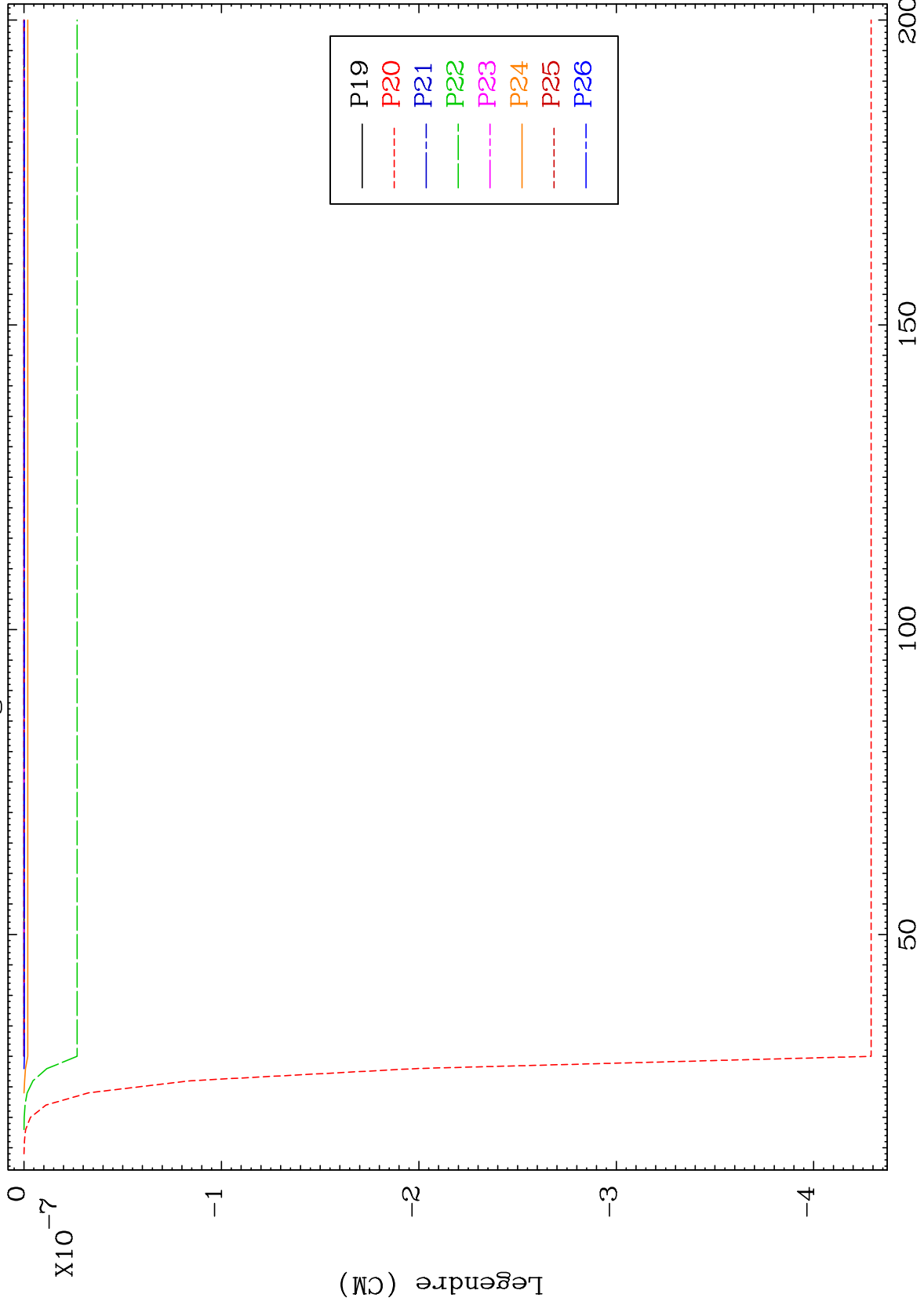
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 66 (n,n') Level
Legendre Coefficients

42-Mo-97



42-Mo-97

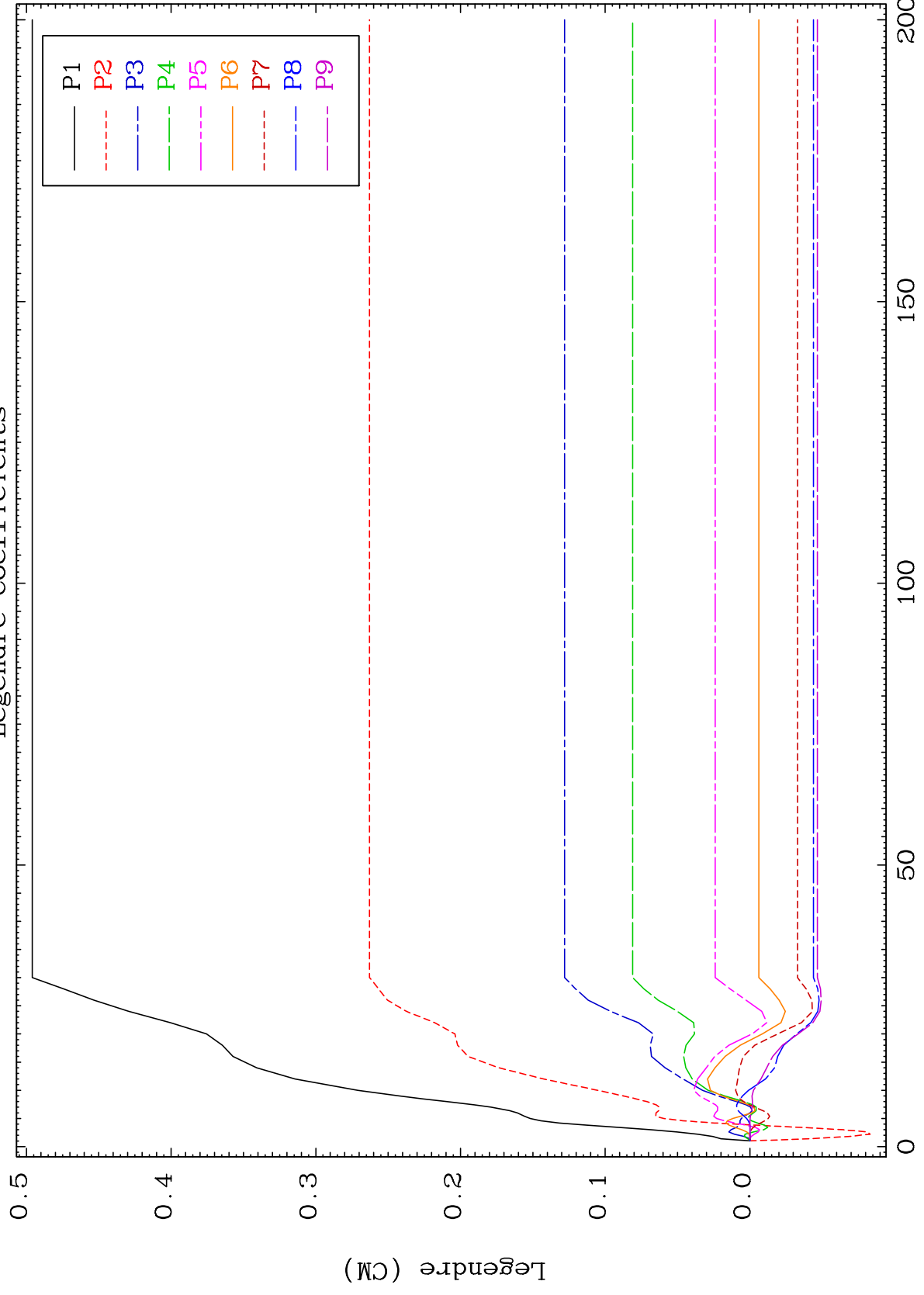
Incident Energy (MeV)

73

MAT 4240

MT= 67 (n,n') Level
Legendre Coefficients

42-Mo-97



74

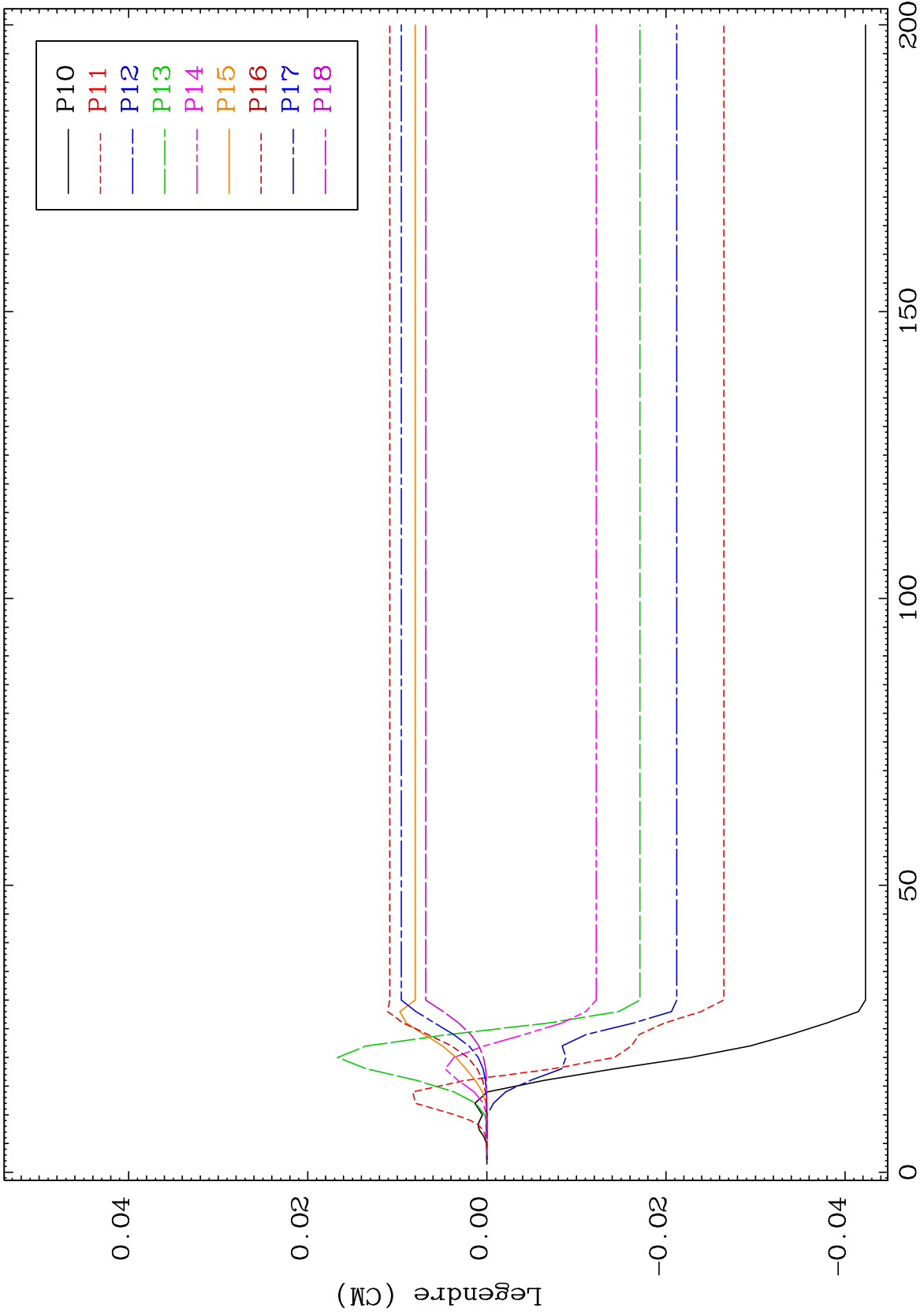
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 67 (n,n') Level
Legendre Coefficients

42-Mo-97



75

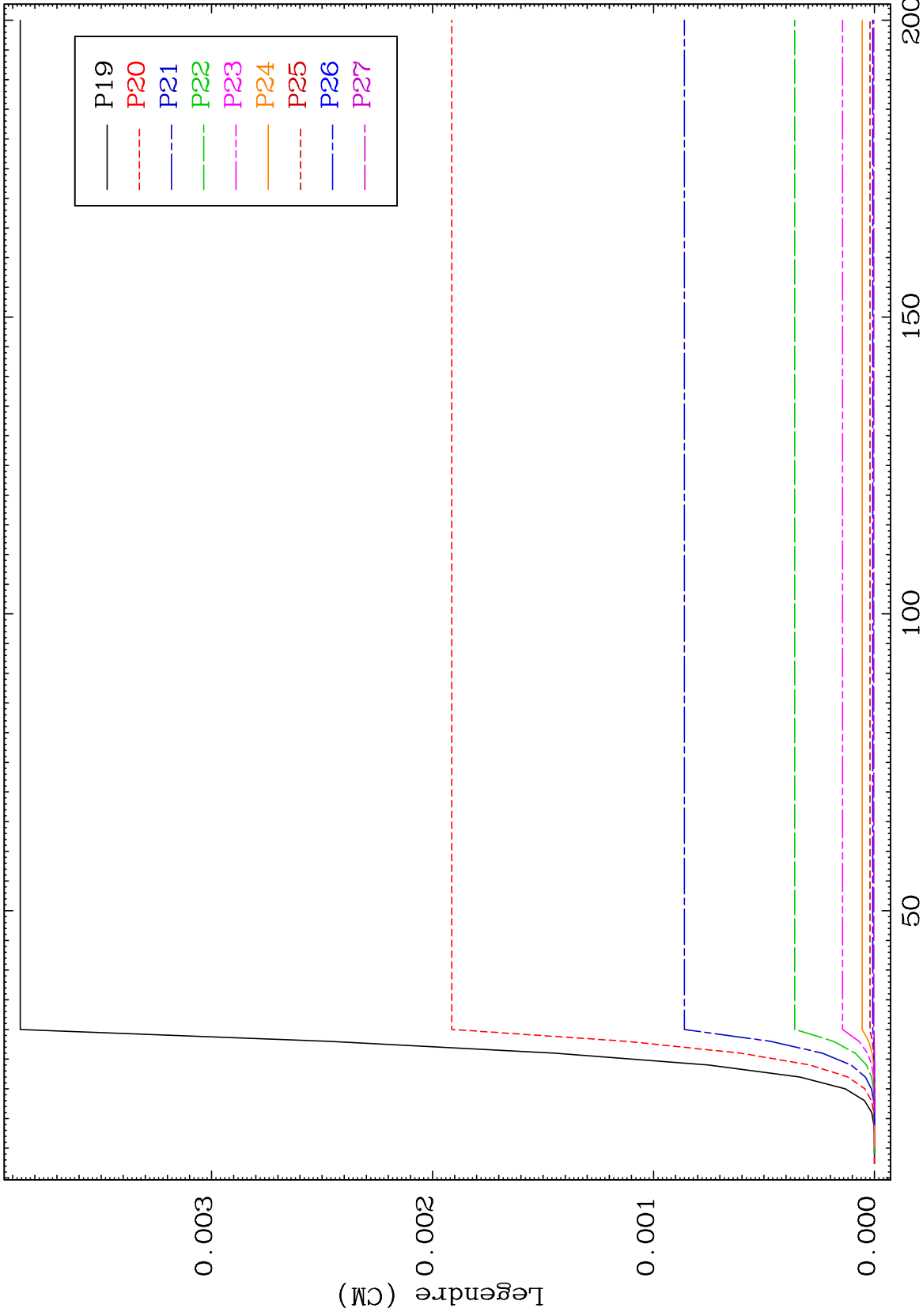
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 67 (n,n') Level
Legendre Coefficients

42-Mo-97



76

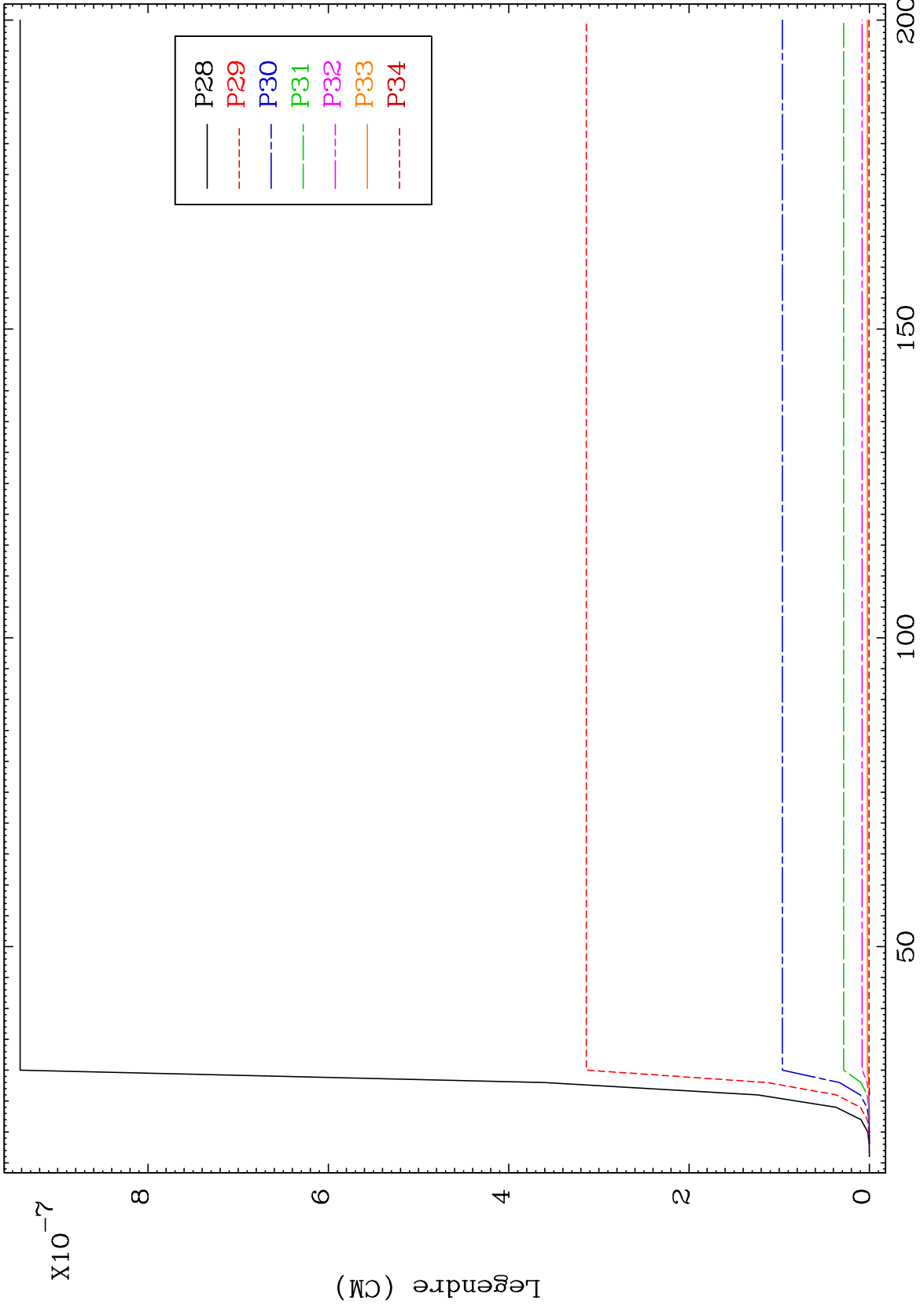
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 67 (n,n') Level
Legendre Coefficients

42-Mo-97



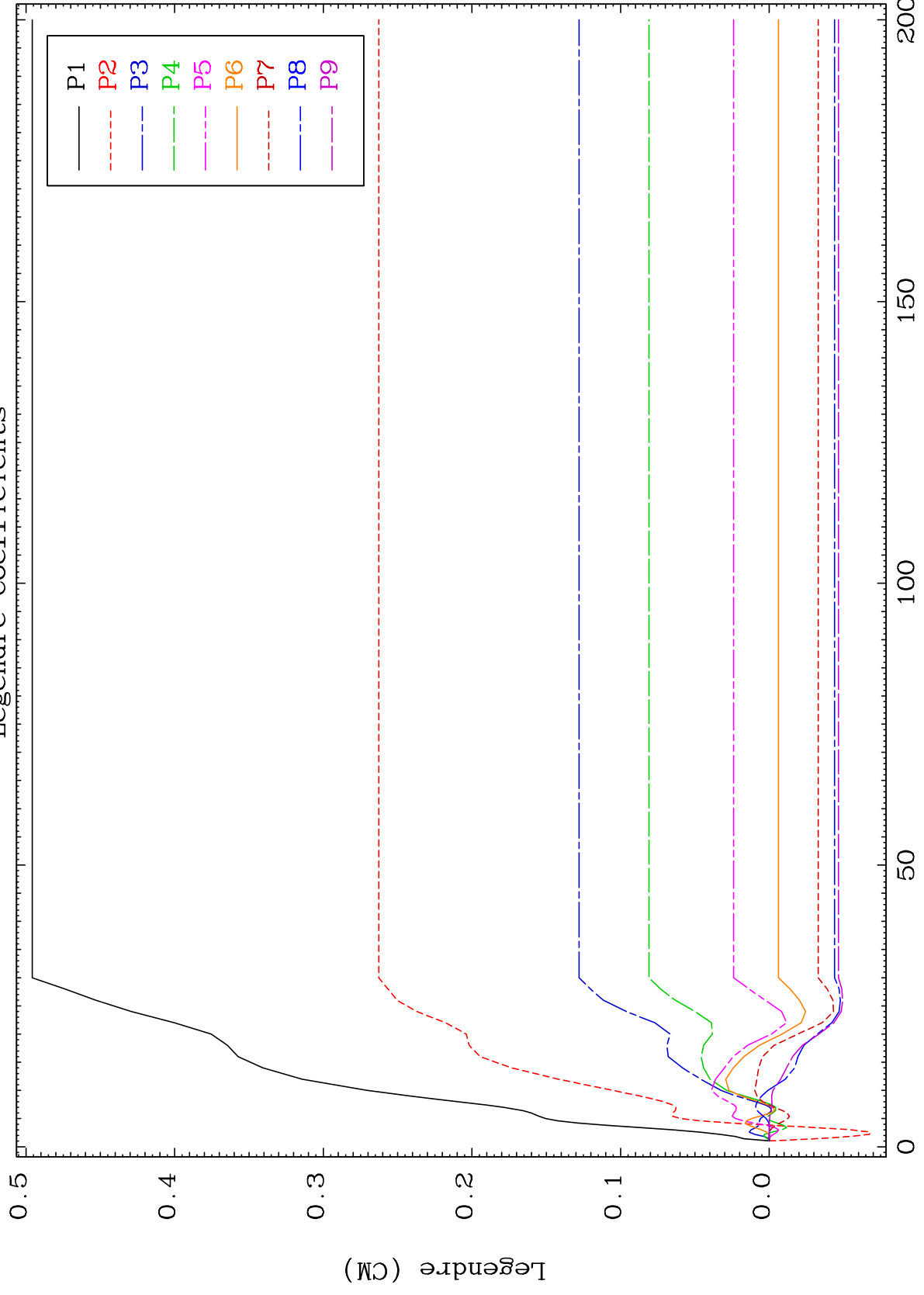
77

42-Mo-97

MAT 4240

MT= 68 (n,n') Level
Legendre Coefficients

42-Mo-97



78

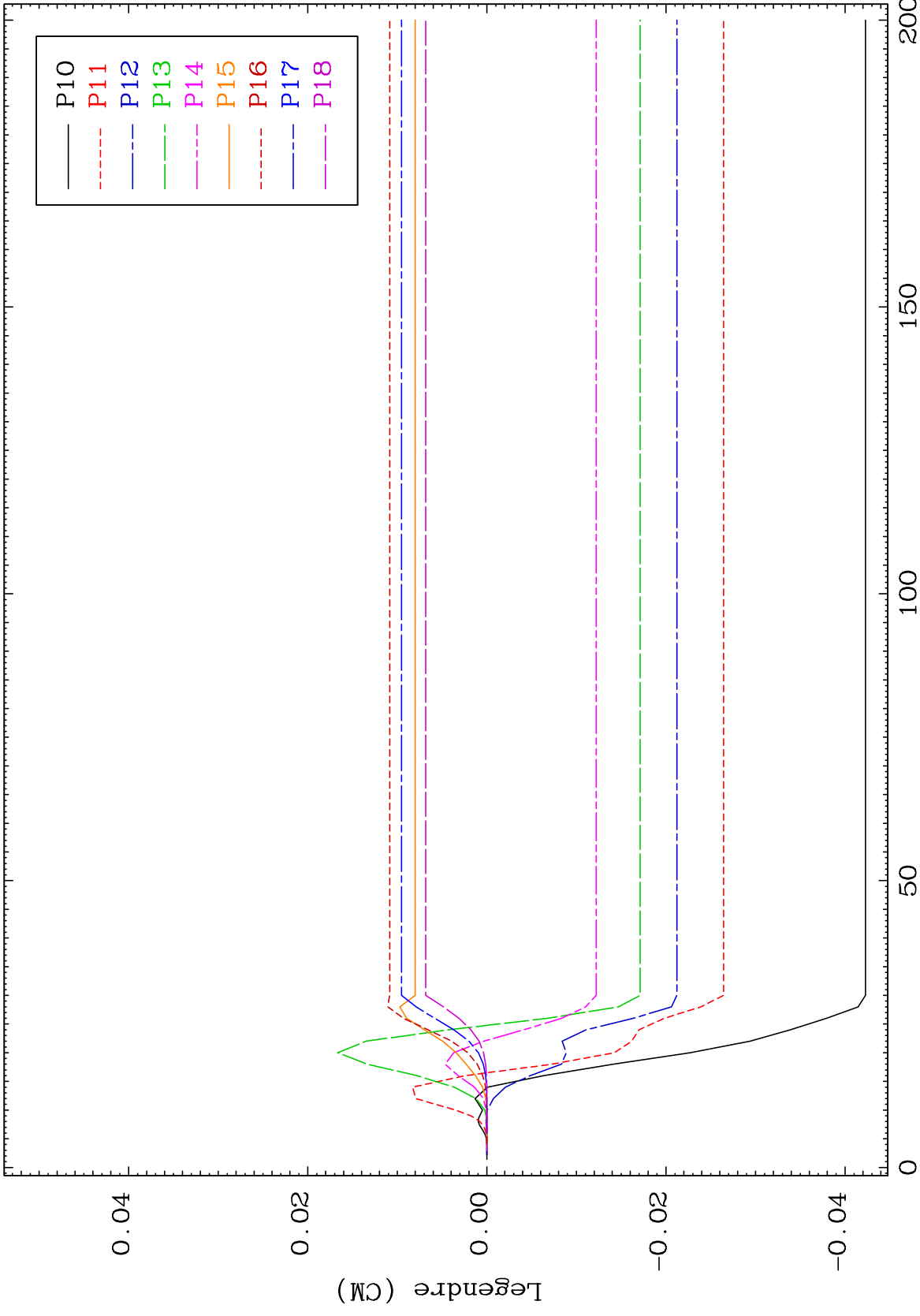
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 68 (n,n') Level
Legendre Coefficients

42-Mo-97



79

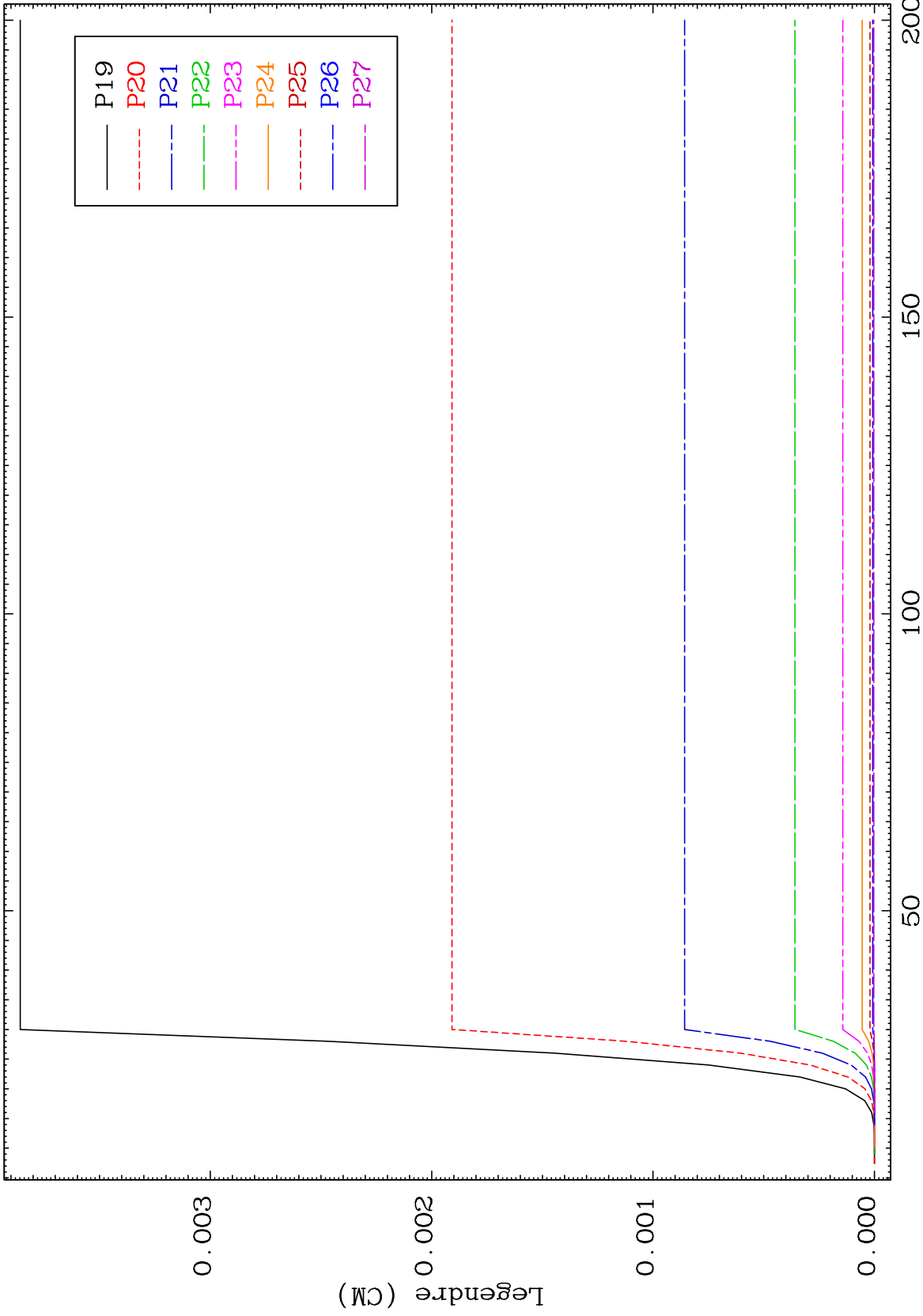
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 68 (n,n') Level
Legendre Coefficients

42-Mo-97



80

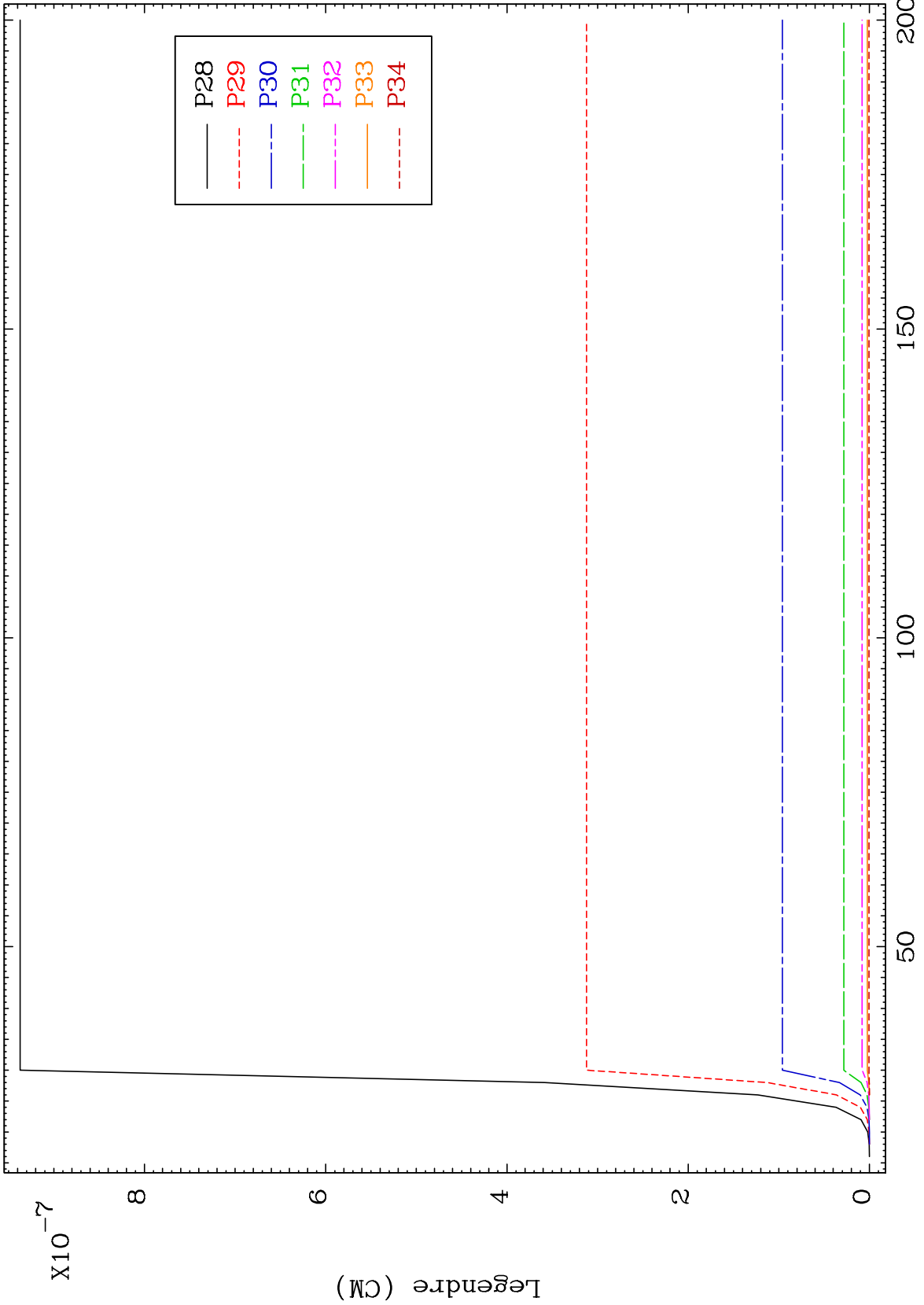
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 68 (n,n') Level
Legendre Coefficients

42-Mo-97



81

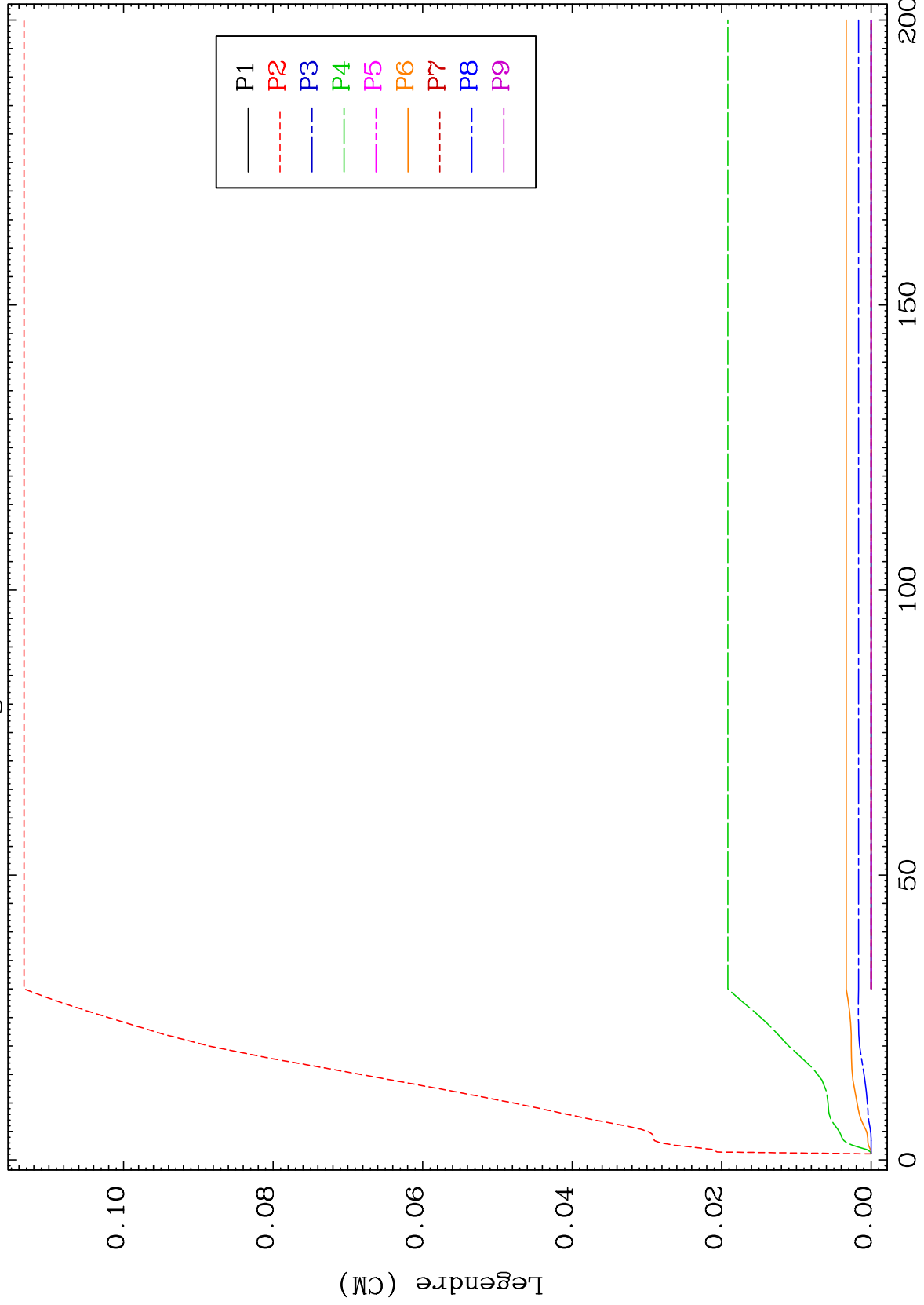
Incident Energy (MeV)

42-Mo-97

MAT 4240

MT= 69 (n,n') Level
Legendre Coefficients

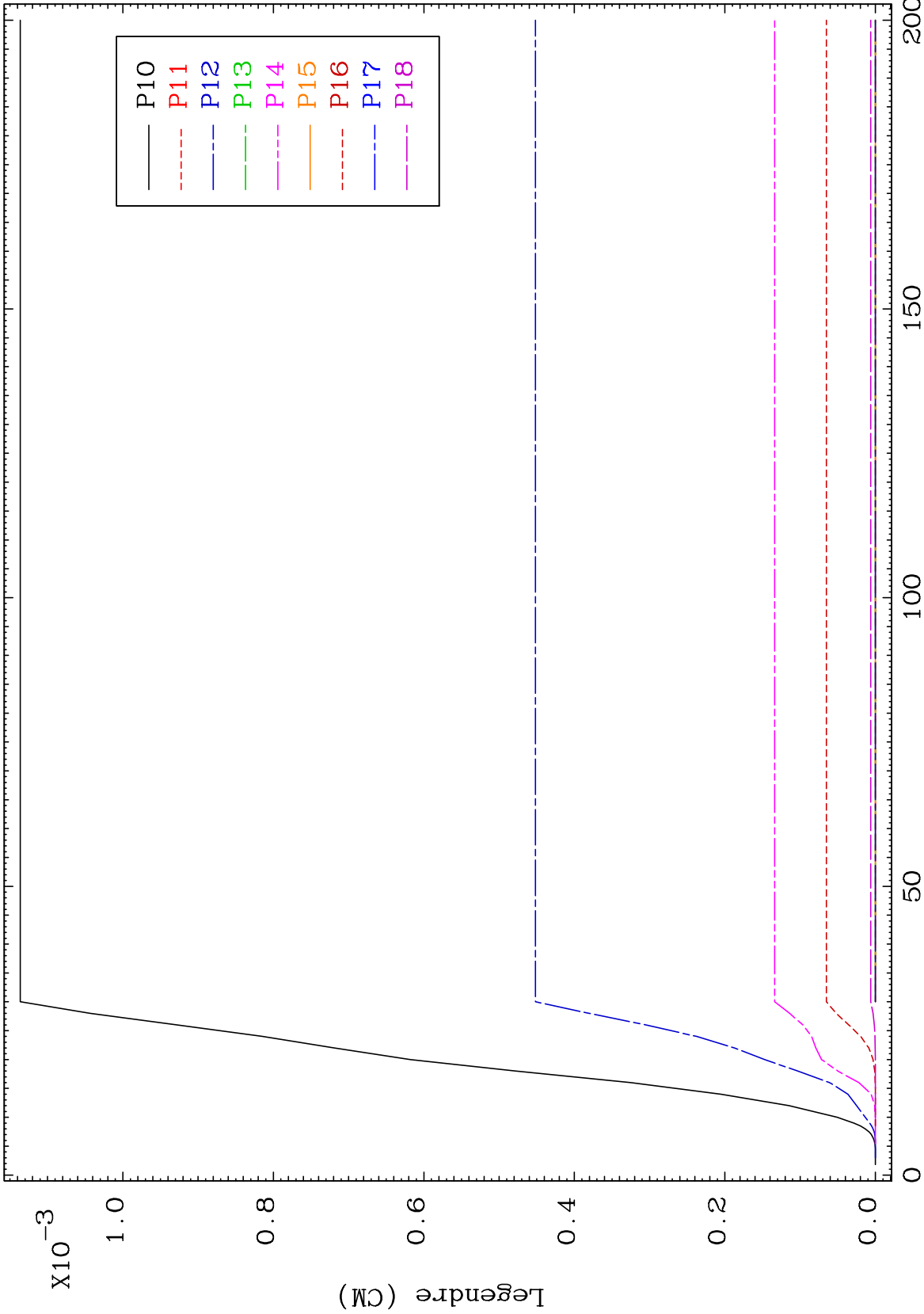
42-Mo-97



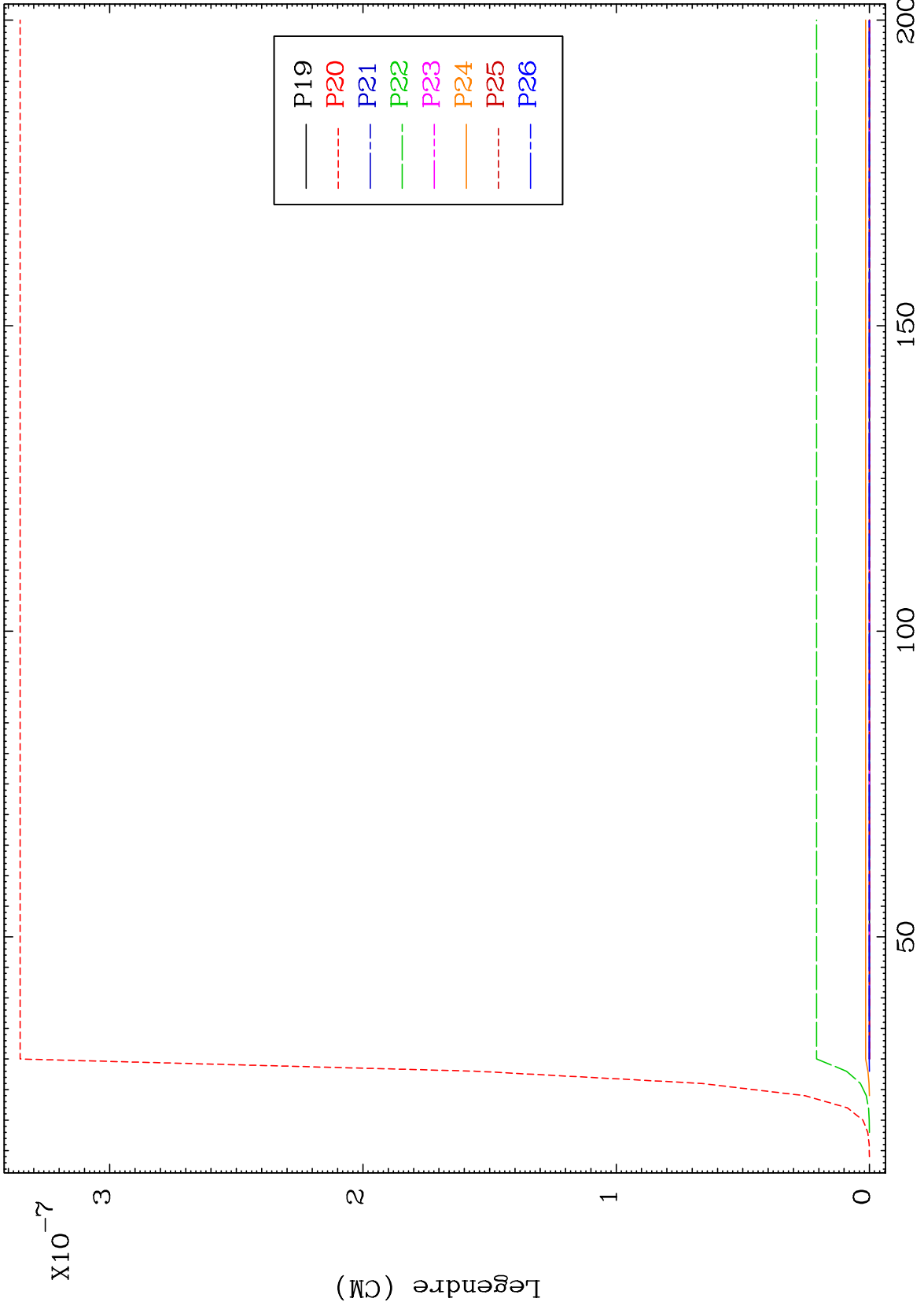
82

Incident Energy (MeV)

42-Mo-97

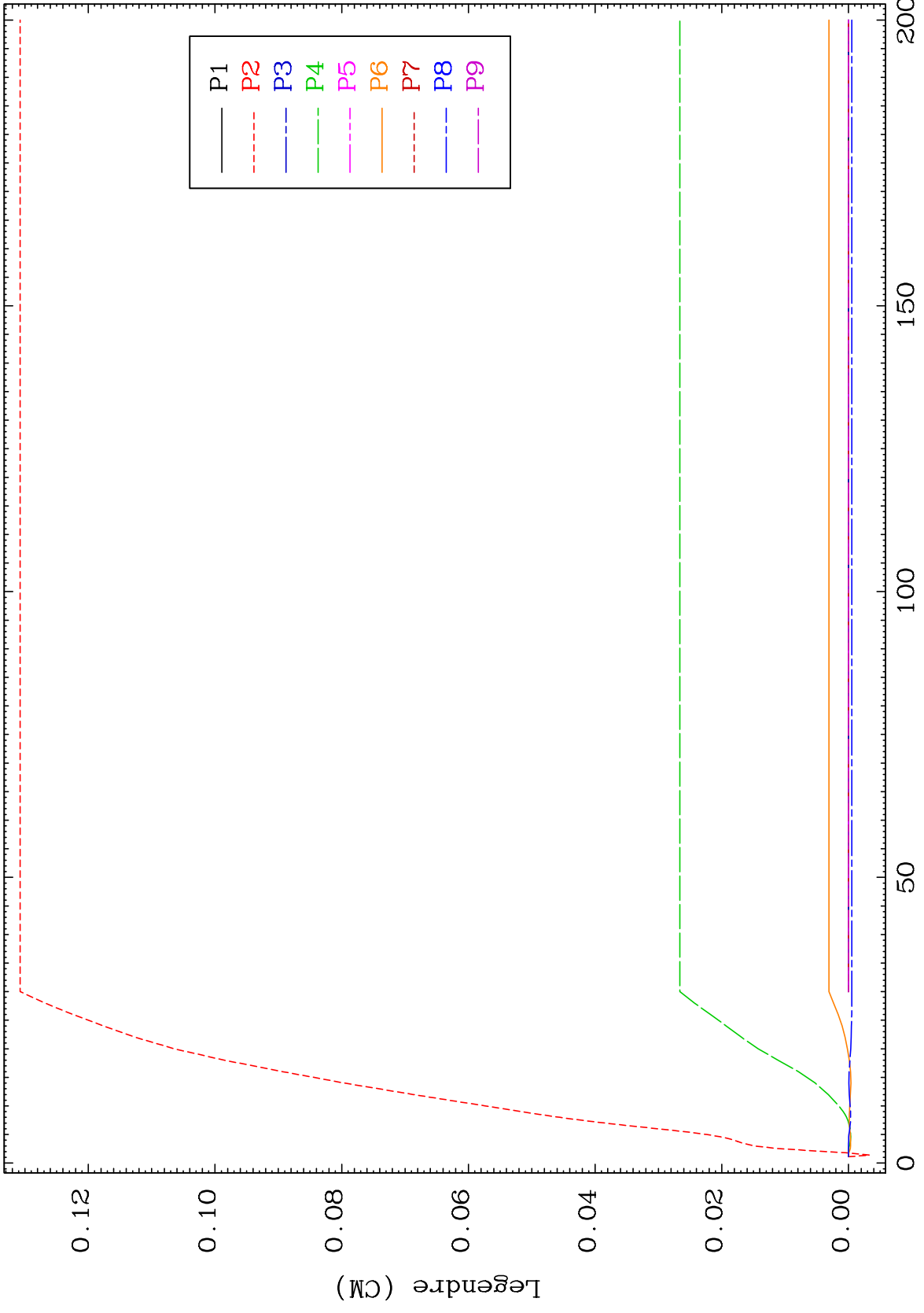


MAT 4240 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-97



84 42-Mo-97

MAT 4240 MT= 70 (n,n') Level Legendre Coefficients 42-Mo-97

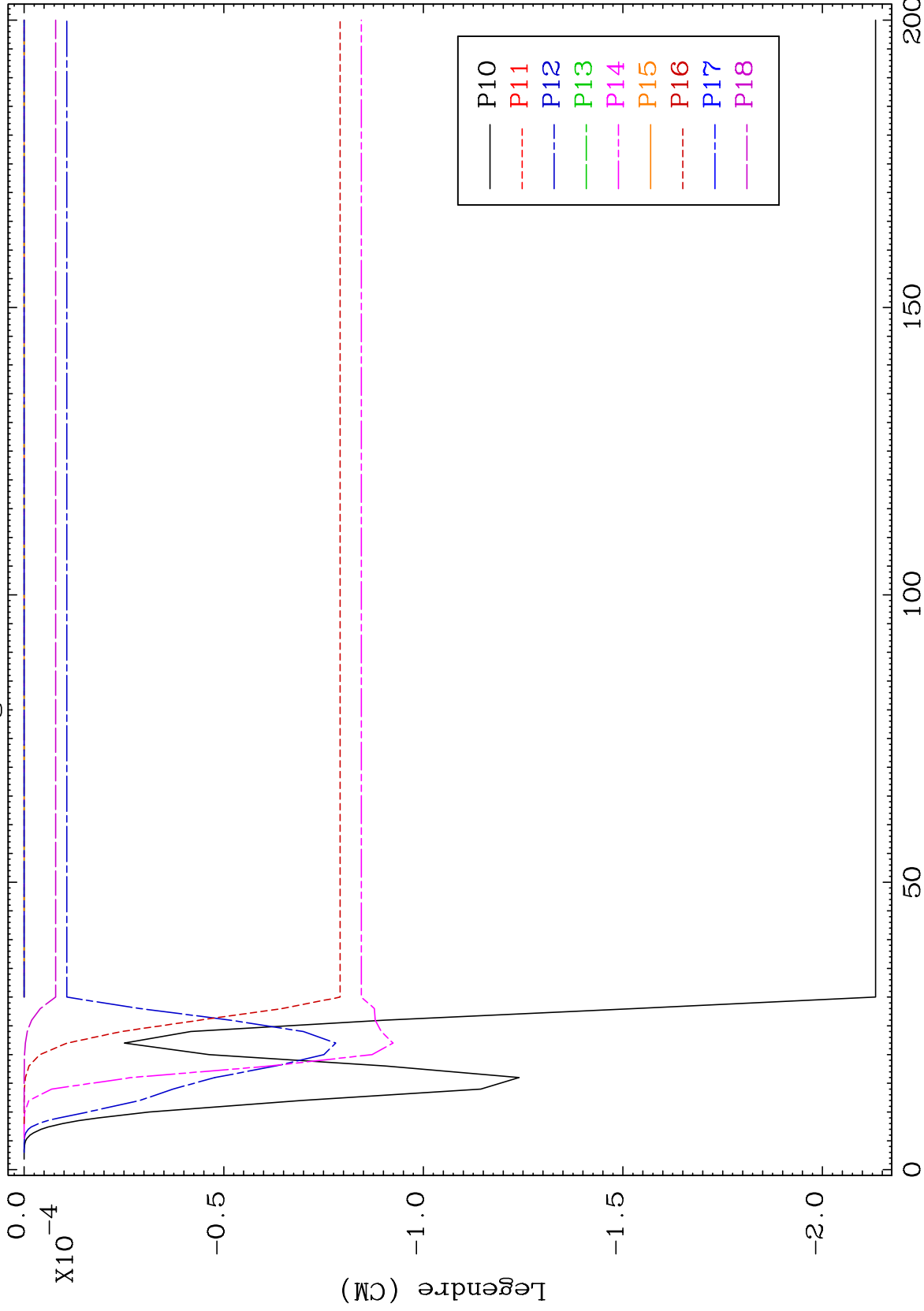


85 Incident Energy (MeV) 42-Mo-97

MAT 4240

MT= 70 (n,n') Level
Legendre Coefficients

42-Mo-97



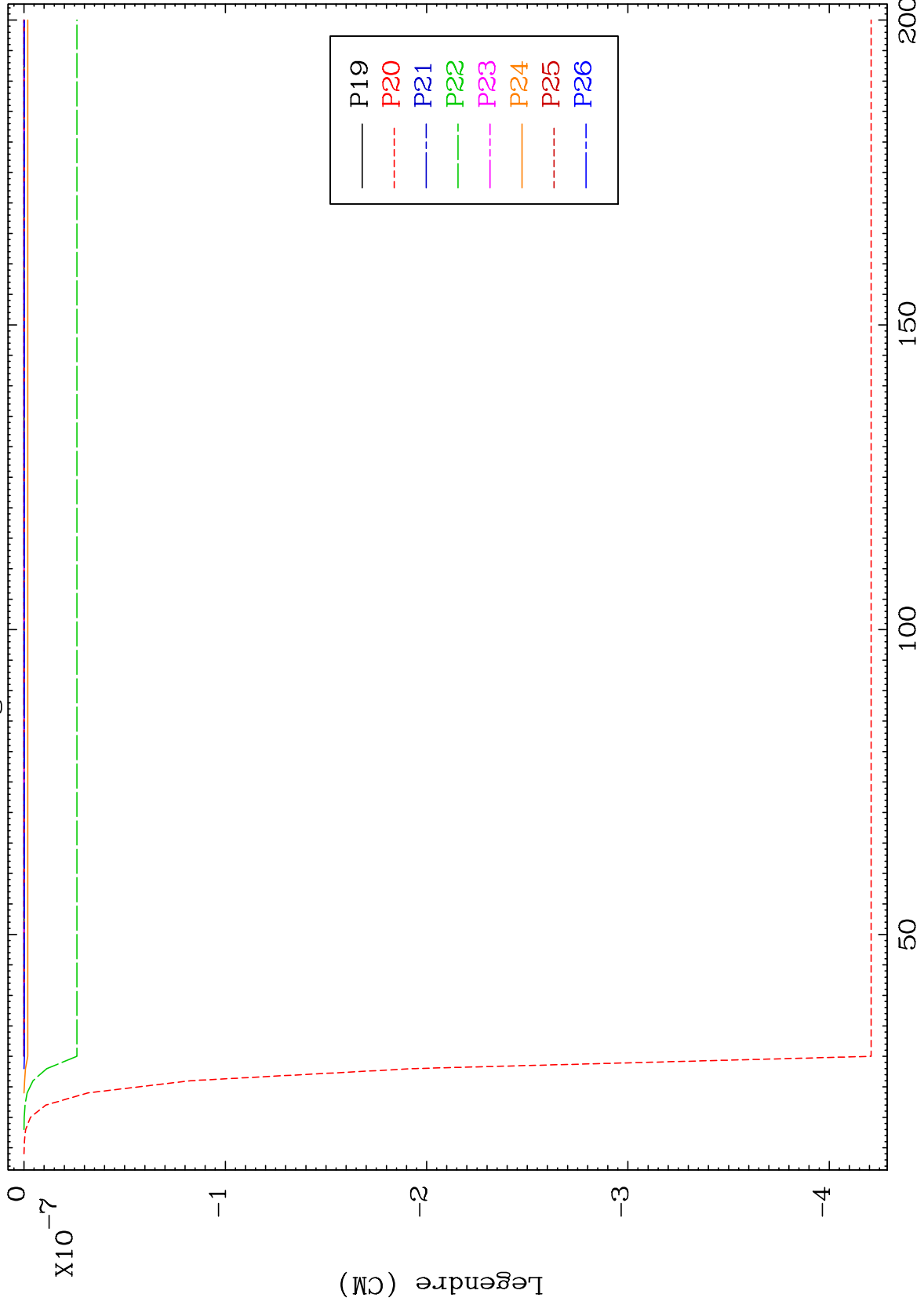
86

42-Mo-97

MAT 4240

MT= 70 (n,n') Level
Legendre Coefficients

42-Mo-97



87

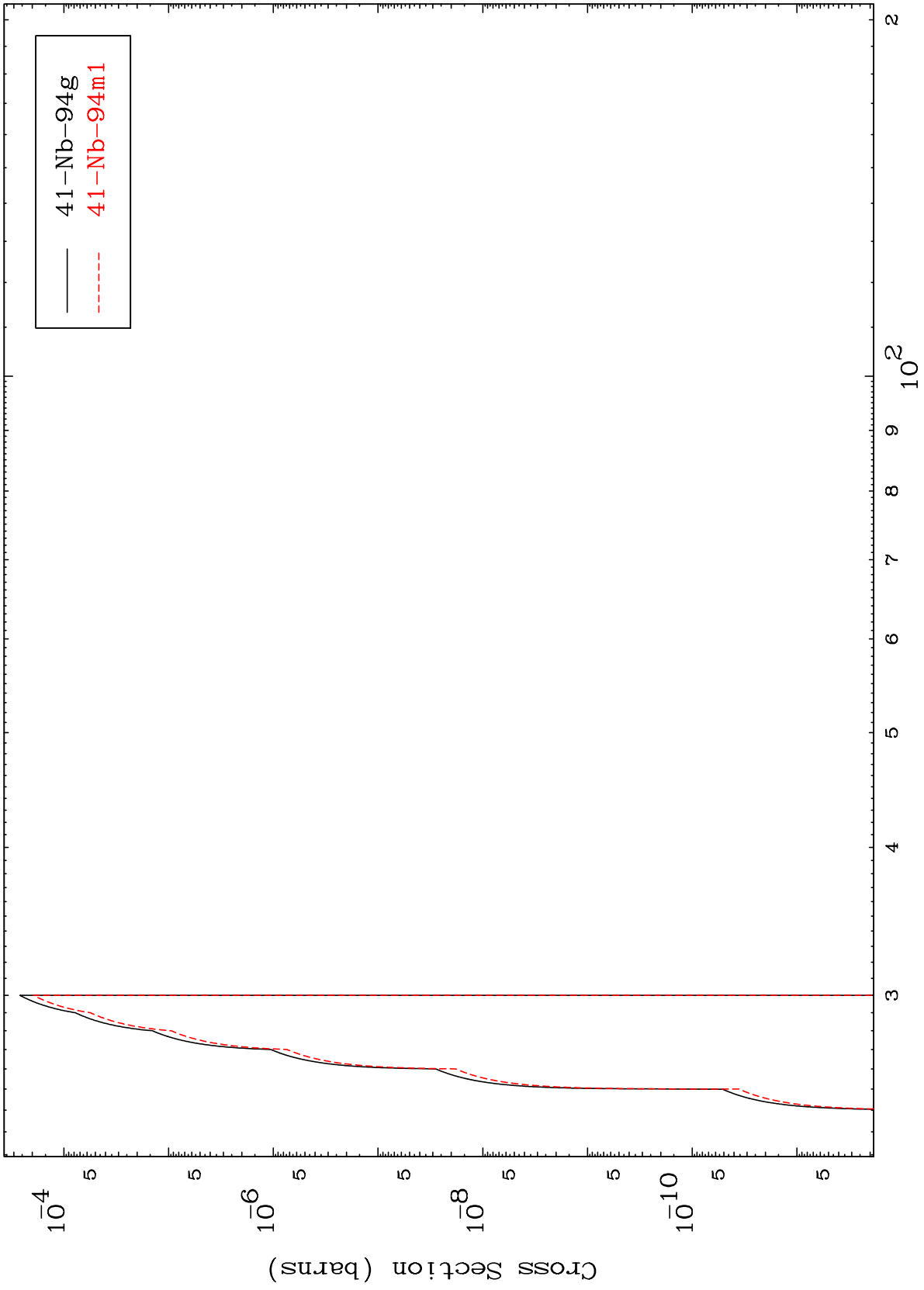
42-Mo-97

MAT 4240

(n,2n) d

42-Mo-97

Radionuclide Production Cross Section



88

Incident Energy (MeV)

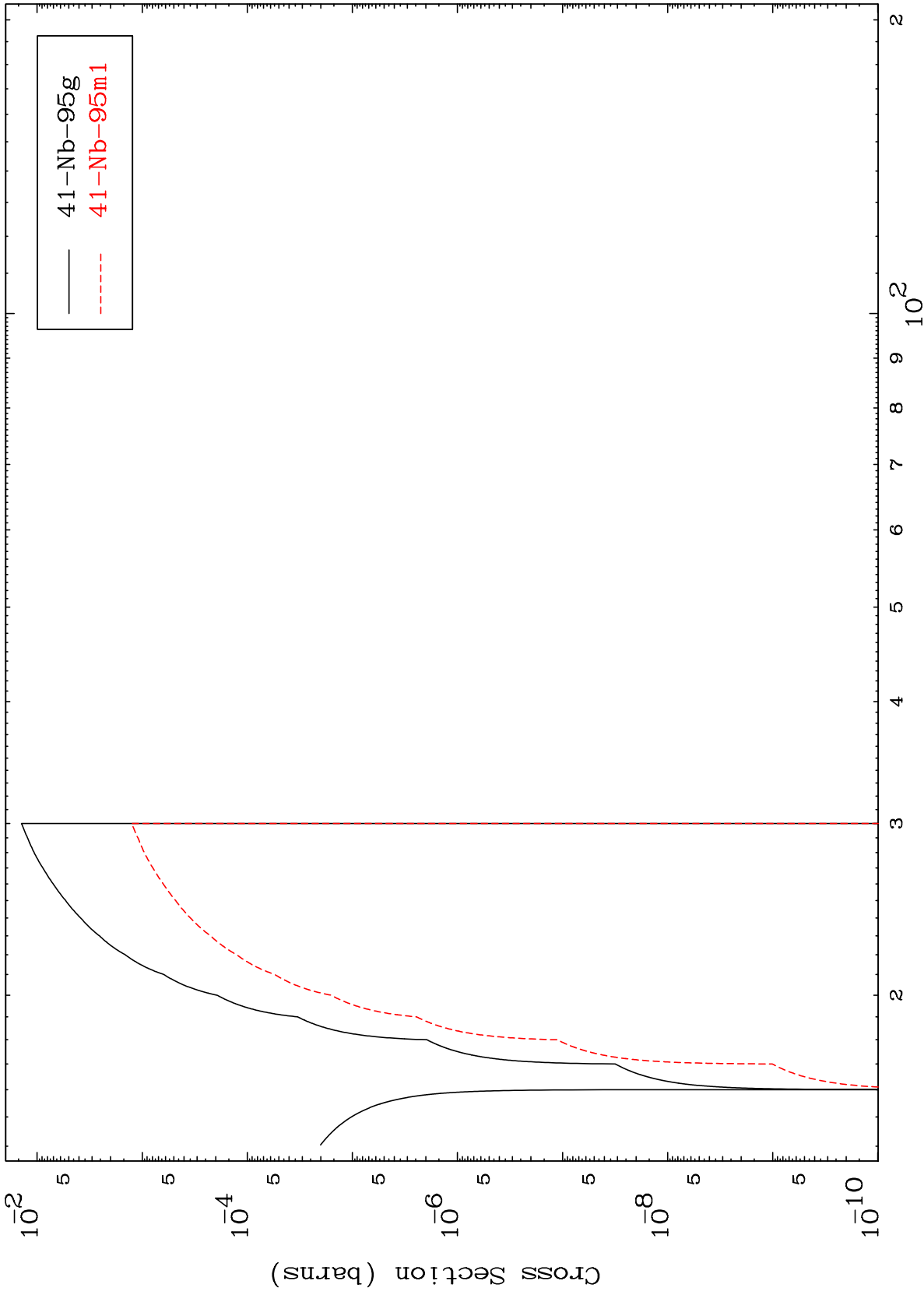
42-Mo-97

MAT 4240

(n,n') d

42-Mo-97

Radionuclide Production Cross Section



89

Incident Energy (MeV)

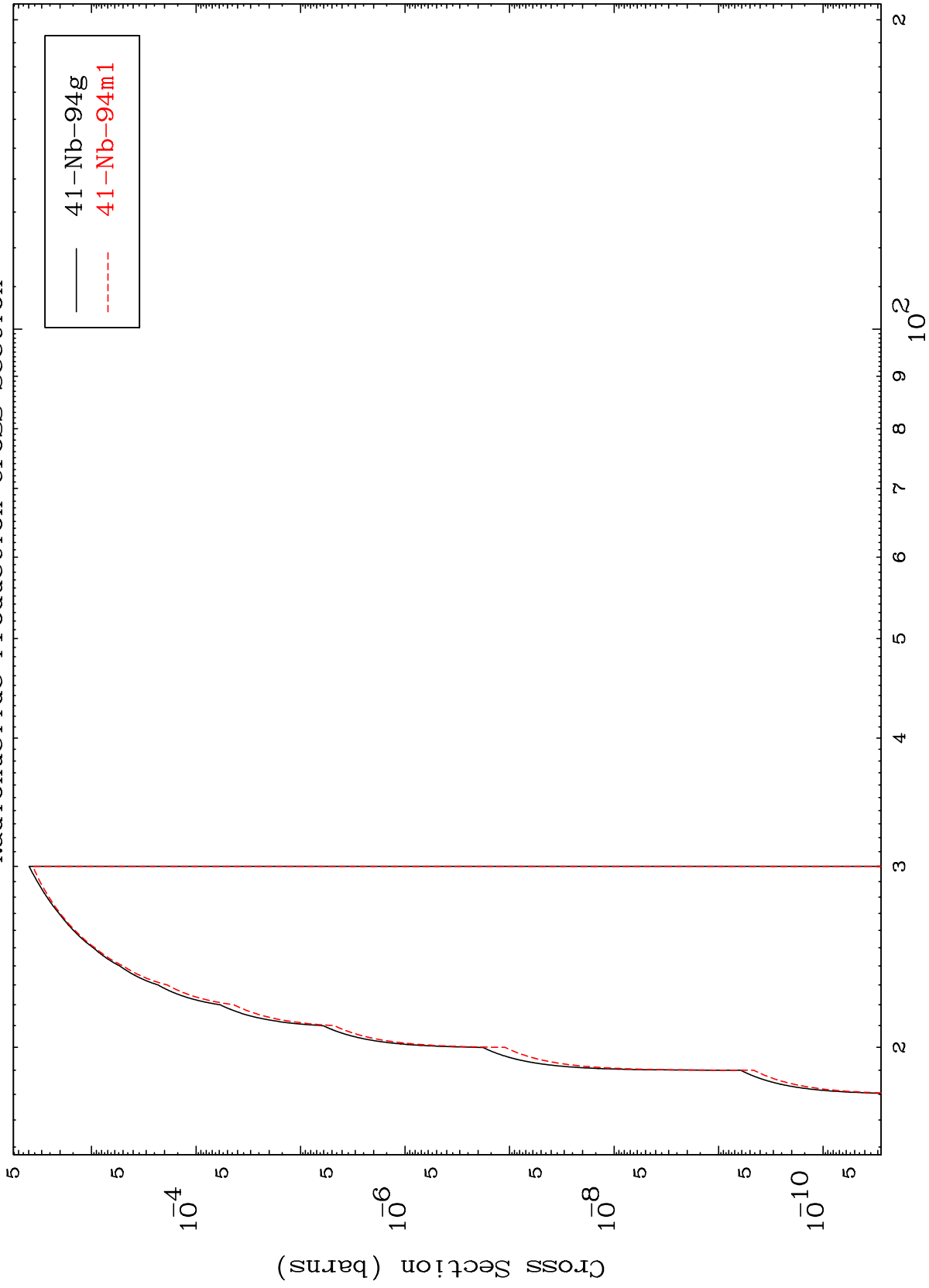
42-Mo-97

MAT 4240

(n, n') t

42-Mo-97

Radionuclide Production Cross Section

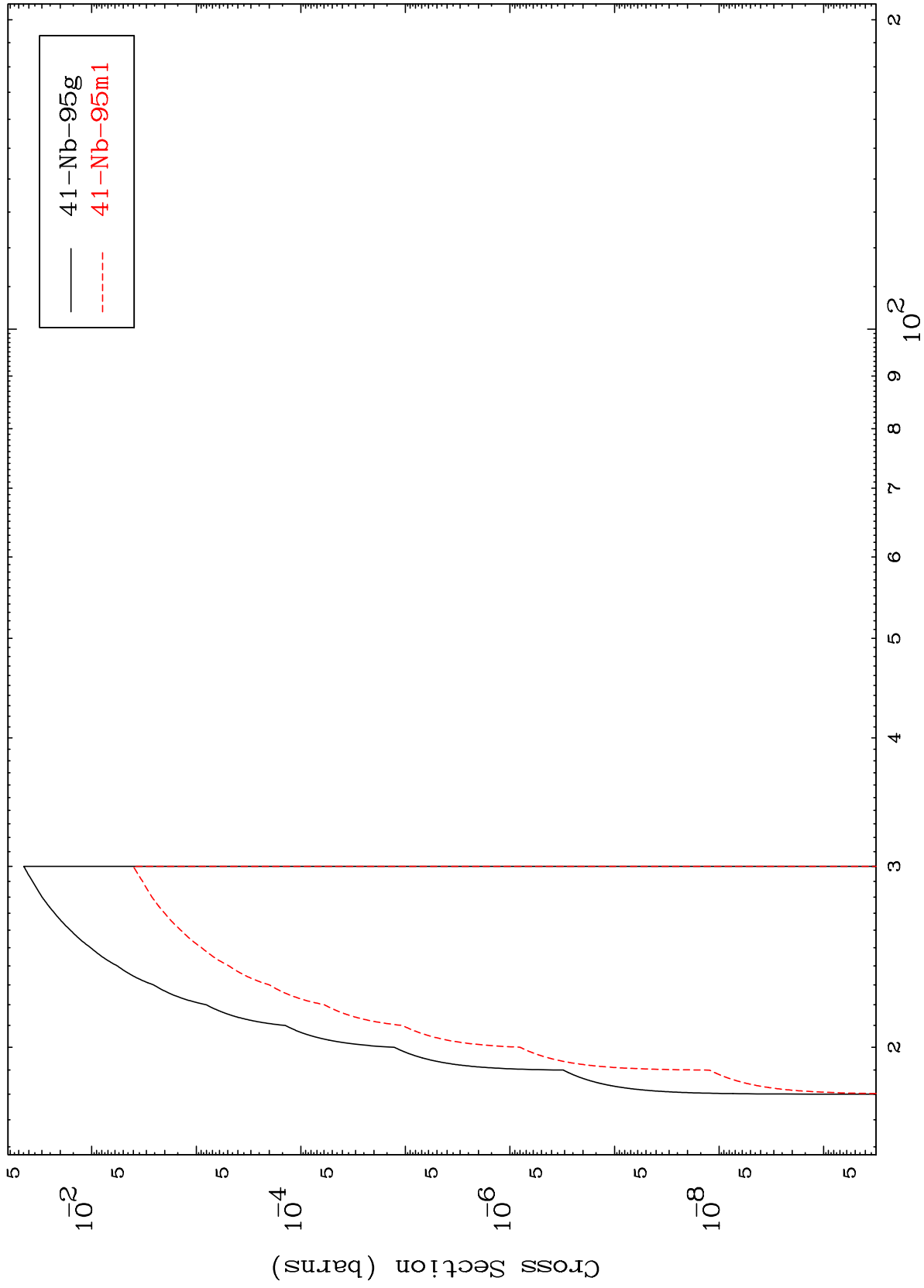


90

Incident Energy (MeV)

42-Mo-97

Radionuclide Production Cross Section

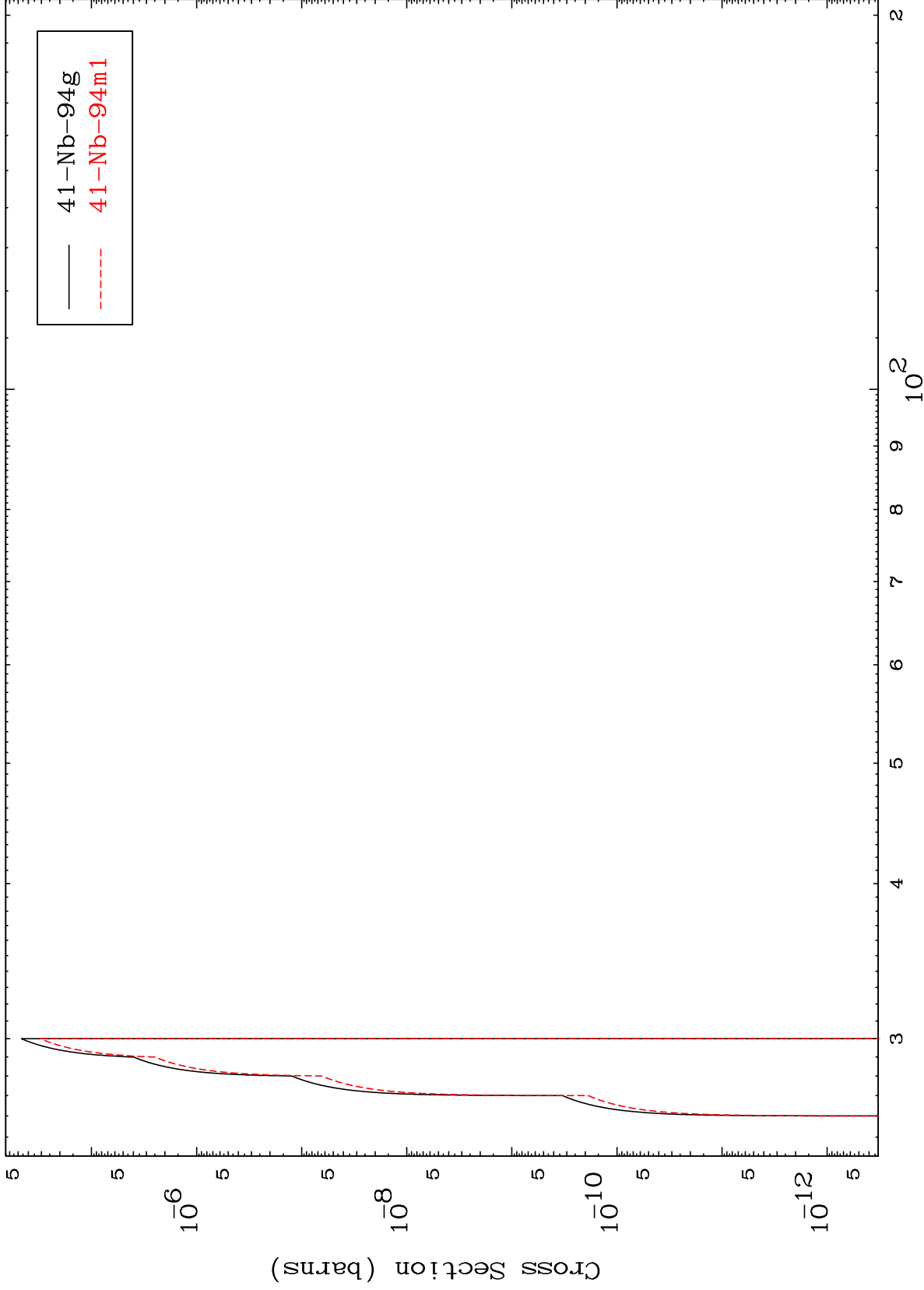


MAT 4240

(n,3n) p

42-Mo-97

Radionuclide Production Cross Section



92

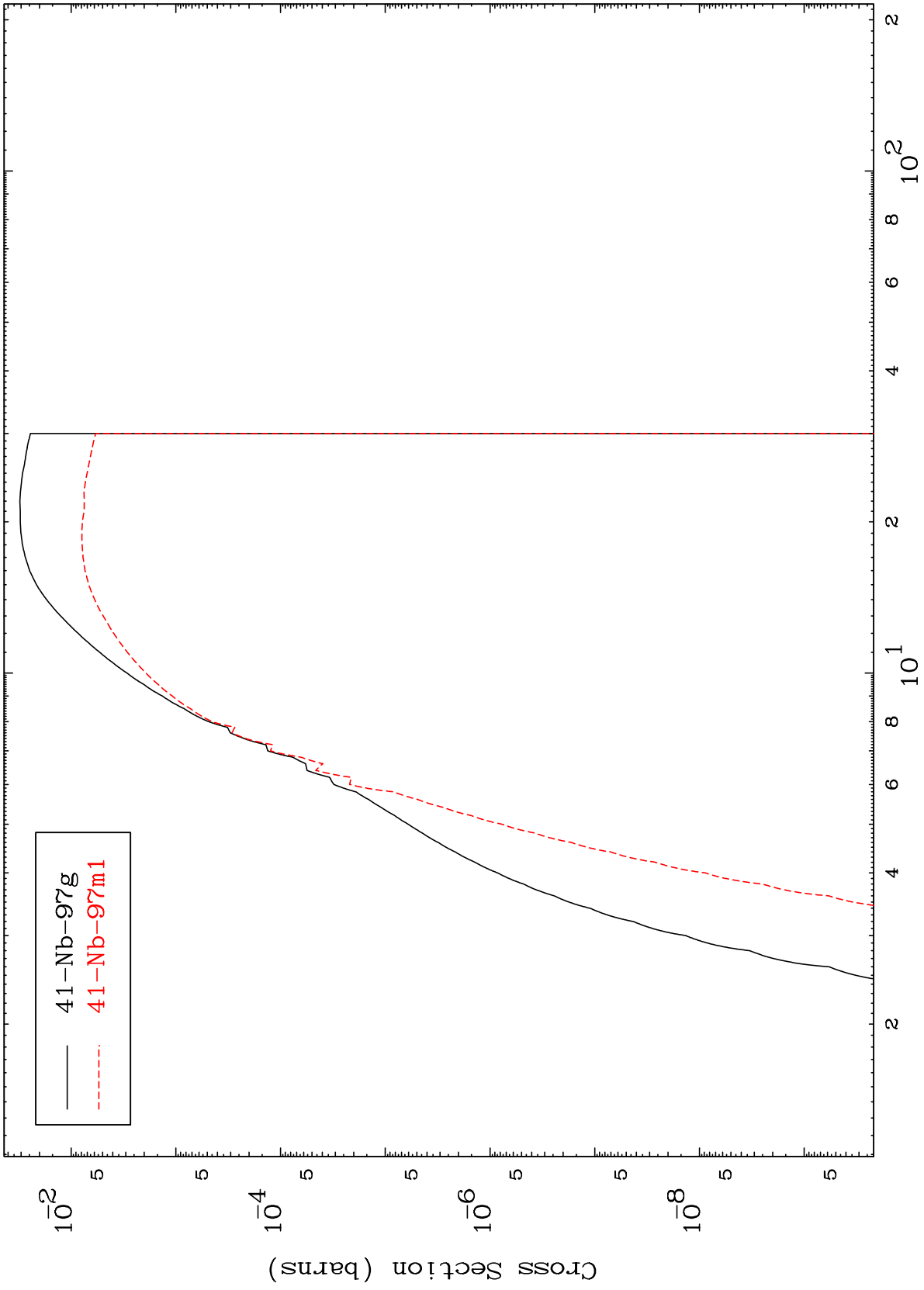
Incident Energy (MeV)

42-Mo-97

MAT 4240

42-Mo-97

Radionuclide Production Cross Section (n,p)



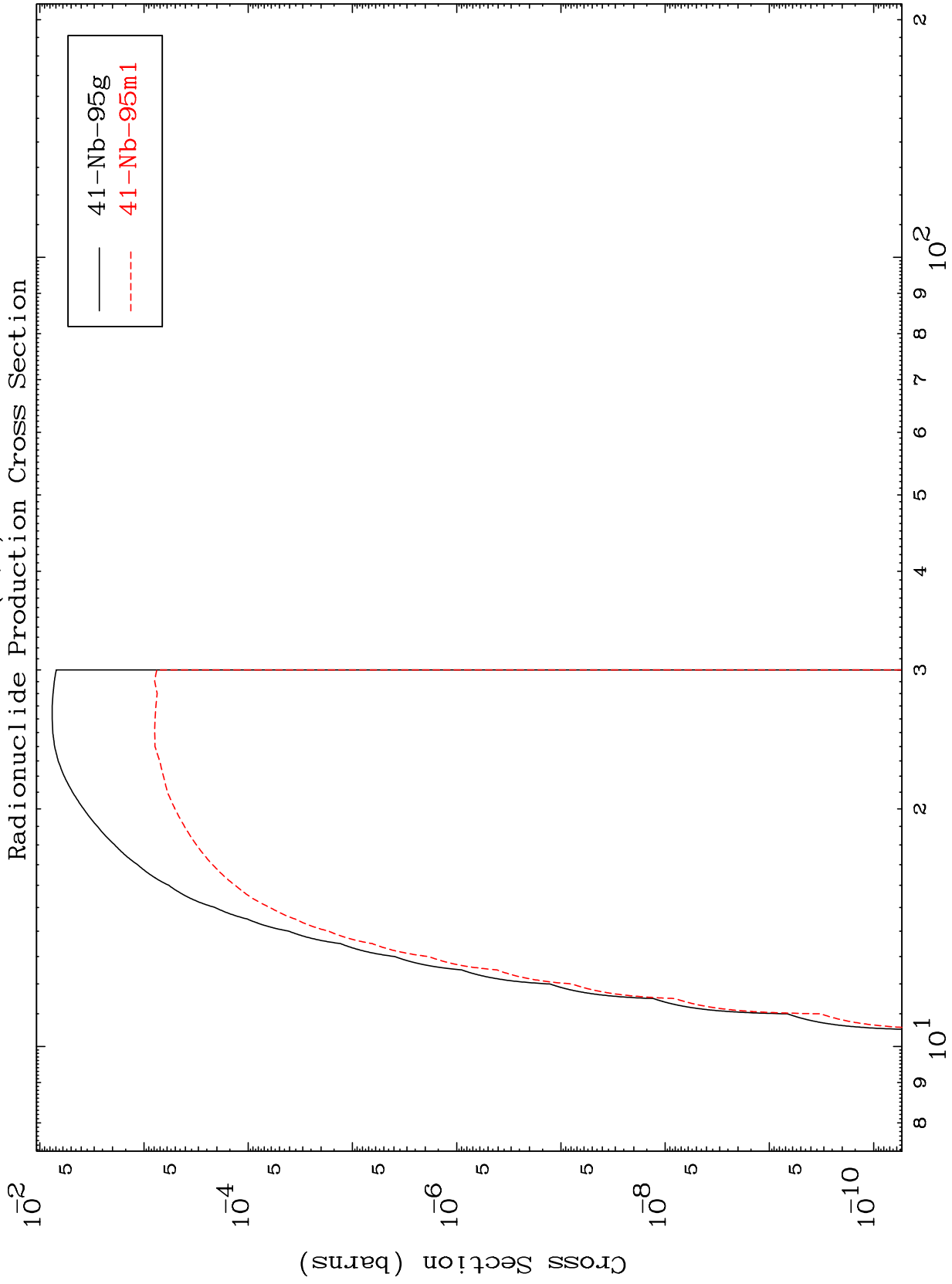
93

42-Mo-97

MAT 4240

(n, t)

42-Mo-97



94

Incident Energy (MeV)

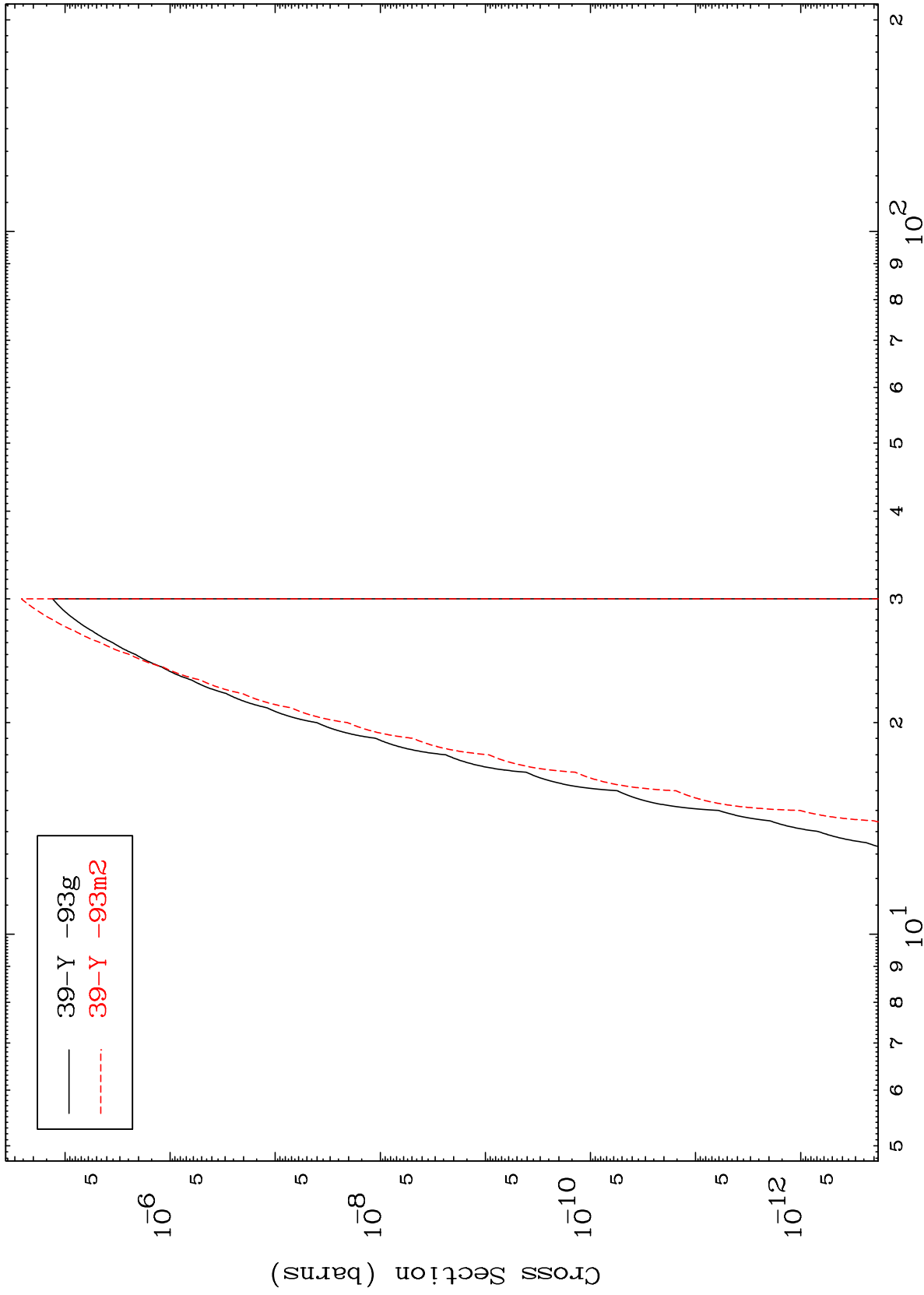
42-Mo-97

MAT 4240

(n,p) α

42-Mo-97

Radionuclide Production Cross Section



95

Incident Energy (MeV)

42-Mo-97